

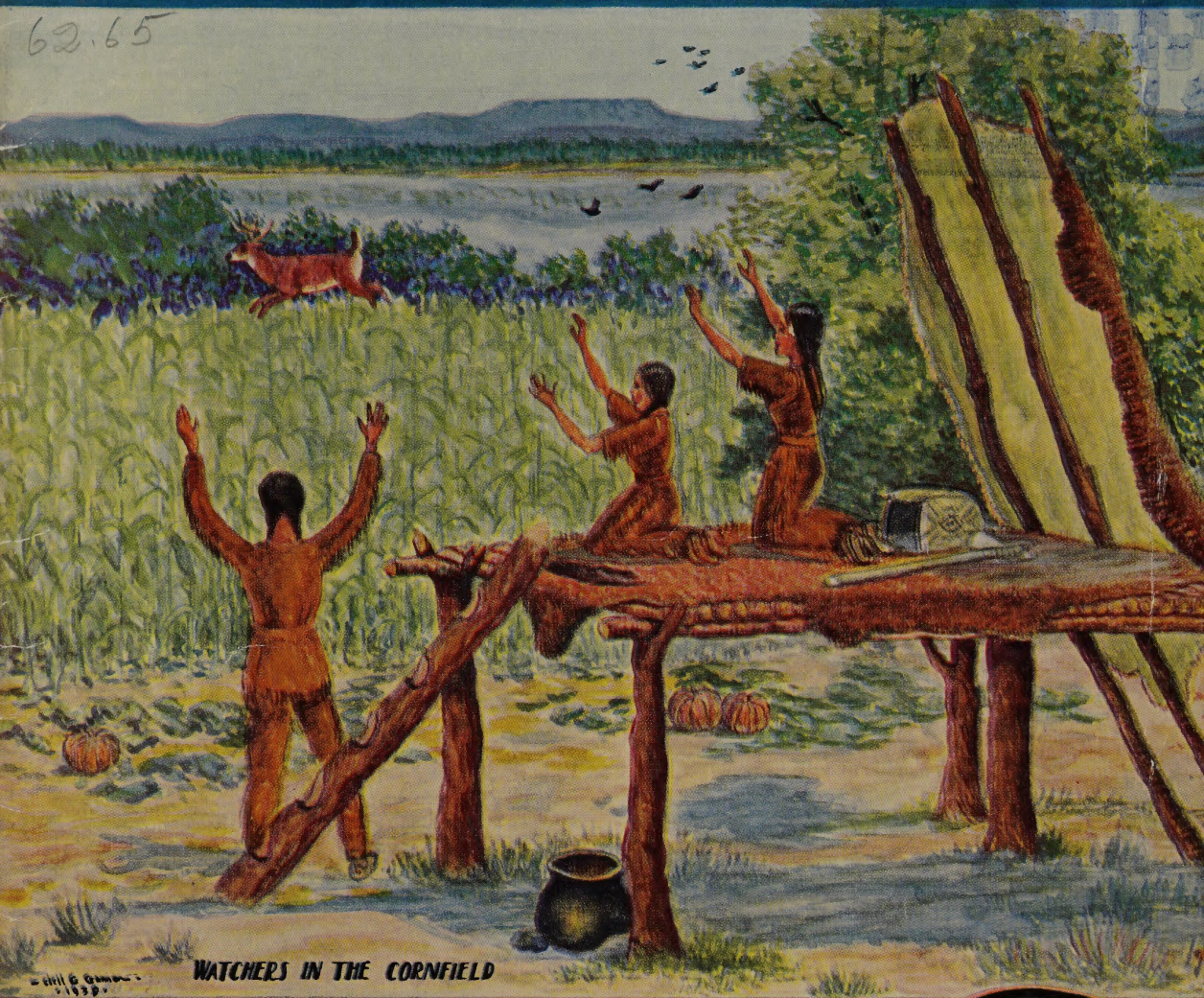
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1883 • 57th ANNUAL • CATALOG • 1940

OSCAR H. WILL & CO.

Bismarck, North Dakota



WATCHERS IN THE CORNFIELD

Pioneer Seed House
Nursery & Greenhouses
Of The Northwest



Seed Corn Specialists • Seeds Trees Plants



AN EARLY PERSIAN MELON ORO BLANCO

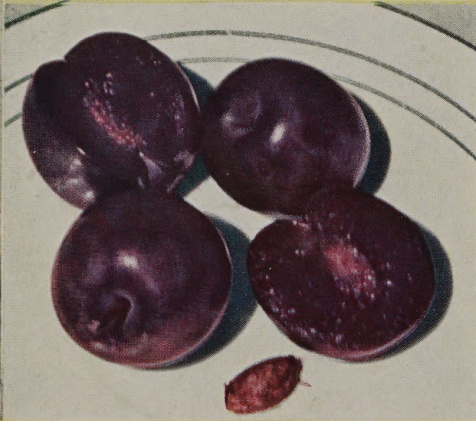
Adapted to the Northern Great Plains

The first Persian melon that we have ever been able to ripen in North Dakota. Tastes like Honey Dew, ripens earlier. Obtained from Mr. Buza of Warsaw, Poland. **Postpaid, pkt., 20c; 1/2 oz., 75c.**



MORDEN SEEDLING PLUMS

We are offering three outstanding new Plums developed at the Dominion Experiment Sta. at Morden, Manitoba. **See Page 74.**



FALL FLOWERING—WINTER HARDY CHRYSANTHEMUMS

Developed by Mr. Mulford of the U. S. Bureau of Plant Industry and have wintered here without injury in a most exposed location. Something entirely new for the Northern Great Plains. **Price, 50c each, for any of the five varieties. See page 68.**



MRS. FANNY HEATH ASTER

The finest pink aster we have seen. Obtained some years ago from Mrs. Heath who had discovered it in a patch of wild New England asters. A perfect mass of bright pink flowers in September. **Postpaid, each, 50c; 6 for \$2.75.**



CHIPMAN'S CANADA RED RHUBARB

The best rhubarb of all the good Canadian varieties. One of the productions of the famous Canadian plant breeder, G. F. Chipman. As sturdy and prolific as McDonald, seedless. Produces the sweetest, finest flavored and most beautiful red sauce for dessert or in pies and shortcakes. **Price, postpaid, \$1.60 each.**

RUDDY RASPBERRY

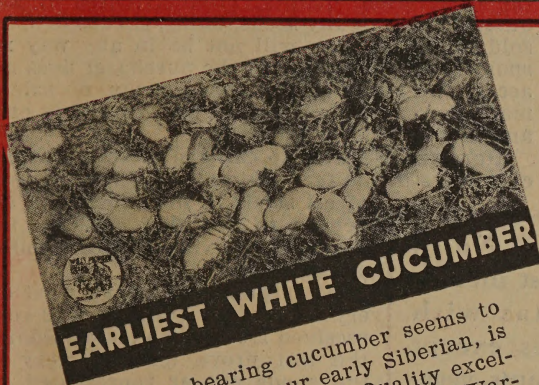
Dr. Yeager's contribution to northern small fruit gardens. A tremendous bearer of delicious purple raspberries, long bearing, hardy as to drouth and cold. Fruits large and uniform. **Each, 15c; doz., \$1.40. Postpaid, each, 17c; doz., \$1.50.**



NEW THINGS FOR 1940

MORDEN DELPHINIUM HYBRIDS

Unsurpassed in beauty and size. Colors ranging from pale blue to darkest purple, often with two colors in one flower. It is a pleasure to offer these fine seedlings from the famous Morden strains of the Dominion Experiment Sta. at Morden, Manitoba, Canada. Each, 50c; 5 for \$2.25. Postpaid, each, 55c; 5 for \$2.50.



EARLIEST WHITE CUCUMBER

This heavy bearing cucumber seems to mature as quickly as our early Siberian, is larger and of better shape. Quality excellent. Received from Mr. B. Buza of Warsaw, Poland. First color is green. Postpaid, pkt., 10c; oz., 50c.

TWIN BUDDED PLUM TREE



Compass



Opata

These sturdy wild plum roots have been budded with two varieties of fruit, COMPASS CHERRY & OPATA PLUM, and we have grown them into a strong 3 to 4 ft. tree ready to bear within a year of planting. Each, 75c; 5 for \$3.50.

GEORGE WILL ROSE

A new hybrid rose from the breeding grounds of F. L. Skinner at Dropmore, Mani-

toba. A combination of rugosa, Arctic wild rose and hybrid perpetual. A continuously blooming bush rose, 1 to 2 ft. tall, fine bright pink, double flowers. Absolutely hardy in Manitoba where rugosa hybrids kill back. Each, \$1.50.

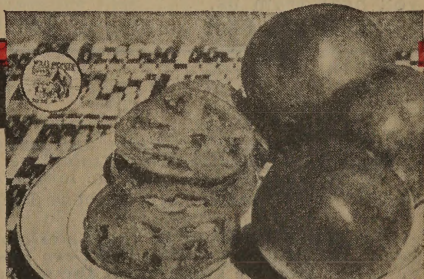


EDIBLE SOY BEANS

A new vegetable. We have several selections from the Dept. of Agriculture and the N. D. Experiment Sta. Delicious as a green vegetable and equally so when used dry for baked beans and the like. Our stock is early and certain to ripen. Postpaid, pkt., 10c; ¼ lb., 20c; lb., 50c.

EARLIOSA TOMATO

Another fine tomato from the Northern Great Plains Field Station, Bureau of Dry Land Investigations, U. S. D. A. Adapted to Great Plains conditions; very large, smooth and meaty. A Ponderosa cross with earliness and drouth resistance. Postpaid, pkt., 20c.



NATIVE PERENNIAL ASTERS**DAKOTA BLUE**
WHITE GARLAND Each, Pkt. 10c**Bachelor's Button.****ASTERS (A*)**

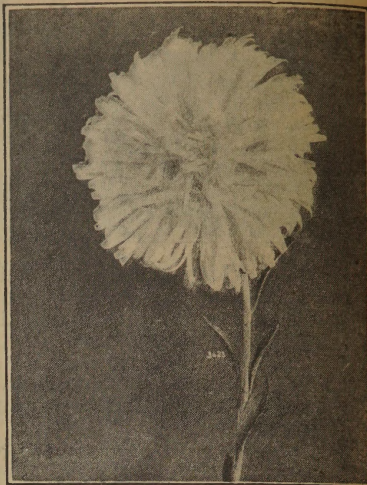
The old favorite China Aster brought up to date.

IMPROVED CREGO MIXED—WILT RESISTANT. A beautiful midseason sort, growing 2 feet tall, with large blooms borne on long stems. Pkt., 10c; ¼ oz., 35c.**IMBRICATED POMPON—FINEST MIXED.**

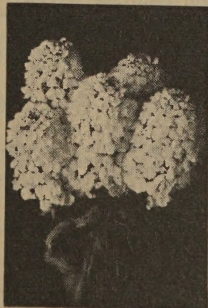
Mid-August flowering, upright 12 to 14 inch plants, bearing small round cushioned flowers, excellent for cutting and popular with florists. Pkt., 15c; ¼ oz., 60c. For Aster Plants, see page 55.

BACHELOR'S BUTTON**CORN FLOWER—CENTAUREA CYANUS.**

(A*). Easy to grow and blooms continuously. One of the most attractive hardy annuals.

DOUBLE BLUE (Florist's Strain). Pkt., 10c; ¼ oz., 20c.**DOUBLE MIXED.** Pkt., 8c; ¼ oz., 15c.**Mixed Improved Crego Aster.****Calendula—Sunshine.****BALSAM—Double Camellia Flowered Mixed.** (A). An old favorite, the bushy plants develop rapidly and the double flowers cluster showily along the main stalk. Pkt., 10c; ¼ oz., 20c.**BEANS—SCARLET RUNNER.** (A-C). A rapid growing climber, reaching a height of 10 to 12 feet, and bearing sprays of brilliant scarlet pealike blossoms. Desirable for snap or green shell Beans and an ideal fence cover. Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 45c.**BOUNCING BET—SAPONARIA OFFICINALIS.** (P). An old, hardy favorite of easy culture, growing 12 to 18 inches high with close phlox-like heads of white or pinkish white blooms throughout most of the summer. Pkt., 10c; ¼ oz., 20c.**CALENDULA****POT or SCOTCH MARIGOLD.** (A*). Growing anywhere and blooming from early summer until frost, this is one of the most honest and satisfactory flowers we have.**ORANGE KING.** A deep orange and very double. Pkt., 5c; ¼ oz., 15c.**SUNSHINE or CHRYSANTHA.** A newer type of Calendula, long stemmed Chrysanthemum shaped large buttercup yellow flowers. Pkt., 10c; ¼ oz., 25c.**CALLIOPSIS—MIXED.** (A*). A graceful, showy, sunshine loving plant, blooming from June to frost. The colors range through yellow to rich brown. Pkt., 5c; ¼ oz., 15c.**CAMPANULA—CANTERBURY BELLS**—Annual Finest Mixed. (A). With this new annual type started indoors in early spring, we can enjoy the glory of these dainty bell like blooms the same summer. Pkt., 10c; ¼ oz., 45c.**Carnation—Marguerite****CARNATION**

(P*). These spicily fragrant flowers should be started indoors and while perennials are best sown each year, plants may be cut back in fall and potted for winter blooming.

MARGUERITE MIXED. Very double, abundant blooms with good stems. Pkt. 10c; ¼ oz., 50c.**CHABAUD MIXED.** Upright, robust plants, with extra large flowers. Pkt., 10c; ¼ oz., 55c.**Giant Flowering Candytuft.****CANDYTUFT (A*)**

Easily grown dwarf plants, blooming throughout the summer, fine for edging, beds and borders.

GIANT WHITE HYACINTH FLOWERED. Pkt., 10c; ¼ oz., 25c.**GIANT FLOWERING MIXED.** Pkt., 5c; ½ oz., 15c.**CELOSIA—COCKSCOMB**

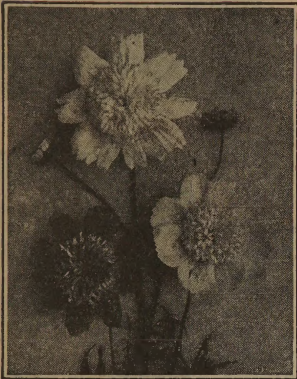
(A). A very showy and colorful group, easily grown and readily dried for winter bouquets.

DWARF CRESTED MIXED (Cristata). Plants 1 foot tall topped by large ruffled cockscombs. Color range from yellow through red. Pkt., 10c; ¼ oz., 45c.**OSTRICH PLUMED or FEATHERED MIXED** (Plumosa). 2 to 3 feet plants, with graceful stately plumes resembling ostrich feathers above the foliage. Pkt., 8c; ¼ oz., 30c.**CHINESE WOOLFLOWER MIXED** (Childsii). Plants grow from 2 to 3 feet high with flower heads resembling bright colored loose balls of wool. Pkt., 10c; ¼ oz., 45c.

If you wish any sort of Flower Seed not listed here, ask us about it. If we cannot supply it, we'll try to tell you where it may be obtained.



Columbine.
Long Spurred.



Double Crested Cosmos.



Sensation Cosmos.



Unwin's Dahlia.

CENTAUREA IMPERIALIS—GIANT SWEET SULTAN (A*). The large, sweet scented, thistle like blooms are borne on long, strong stems. Our well balanced mixture is fine for cutting. Pkt., 5c; ¼ oz., 25c.

CHINESE LANTERN PLANT (Physalis Franchetti) (P). Produces lantern-like fruits that turn bright orange red when ripe. They should then be cut, the leaves trimmed, and the fruits will retain their color through the winter. Pkt., 10c; ¼ oz., 35c.

CHRYSANTHEMUM—ANNUAL (A*). The large, double flowers bloom in late summer. Pkt., 10c.

CLARKIA—DOUBLE MIXED (A*). Graceful plants with richly colored double rosette-like flowers almost covering the upright branches. Blooms from July to frost and does well everywhere. Pkt., 10c; ¼ oz., 30c.

COBOEA SCANDENS—CATHEDRAL BELLS (A-C). A most handsome and rapid growing climber. The flowers are large and bell shaped. Pkt., 10c; ¼ oz., 25c.

COLUMBINE—AQUILEGIA—LONG SPURRED MIXTURE (P). A hardy, graceful, June blooming perennial. 2 feet high. The dainty, long spurred flowers of our mixture range in color from purple through yellows to white. Pkt., 10c; ¼ oz., 60c.
For Columbine Roots see Page 67.

COREOPSIS—DOUBLE FLOWERING (P*). Vigorous and free blooming with large orange yellow flowers on long graceful stems. Pkt., 15c.

COSMOS

(A*). Growing 4 to 5 feet tall, branching freely with feathery foliage and blooming abundantly from late July until frost, Cosmos is especially effective in screens and borders.

SENSATION MIXED. Extra Early Giant Flowering with blooms 4 to 5 inches in diameter. Pkt., 10c; ¼ oz., 35c.

ORANGE FLARE. Brilliant orange flowers—free blooming. Pkt., 10c; ¼ oz., 25c.

EARLY MAMMOTH FLOWERING SINGLE MIXED. Blooming early enough to satisfy the wants of flower lovers in this section. Tall plants with huge blooms. Pkt., 5c; ¼ oz., 15c.

EARLY FLOWERING DOUBLE CRESTED MIXED. Sometimes called Anemone flowered, this is one of the finest Cosmos for cutting. About 65% of the blooms are double. Pkt., 10c; ¼ oz., 65c.

WILD CUCUMBER (A-C). The quickest growing climber we have. Fragrant white flowers are followed by ornamental prickly seed pods. Pkt., 5c; oz., 20c; ¼ lb., 55c.

SUMMER CYPRESS—BURNING BUSH (A). Ornamental rapid grower, 2 to 3 feet high, with cypress-like appearance. Light pea green leaves change to purplish red in fall. Pkt., 5c; ½ oz., 15c.

CYPRESS VINE (A-C). An attractive climber with dark green feathery foliage and star shaped flowers. Pkt., 5c; ½ oz., 25c.

DAHLIA—UNWIN'S DWARF HYBRIDS (TP*). Blooms in 60 days from seed. Plants are 2 feet tall with semi-double flowers, 3 inches across. Tubers are produced which may be saved. Pkt., 15c.

DIGITALIS—FOXGLOVE (P). Easily grown semi-hardy, stately perennial reaching height of from 2 to 4 feet and producing long spikes of beautiful tubular flowers. Pkt., 5c; ¼ oz., 25c.

DAISIES

SHASTA DAISY—Alaska (P*). Can be grown out of doors anywhere with light winter protection. The flowers are large with glistening white petals and small golden centers. Pkt., 10c; ¼ oz., 60c.

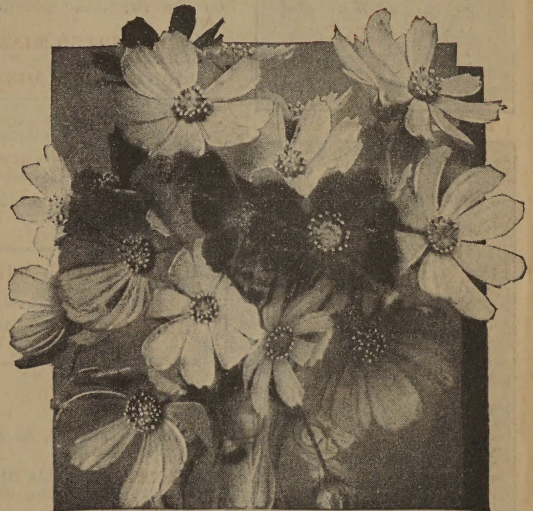
PAINTED DAISY—Pyrethrum Rosea—Single Mixed (P*). This hardy Persian Daisy is 2 feet tall with fern like foliage. It is easily grown, blooms in May and June and is a splendid cut flower. Pkt., 10c; ¼ oz., 50c.

For Shasta and Painted Daisy roots, see page 67.

AFRICAN DAISY—Dimorphotheca Aurantiaca Hybrids (A*). An easily grown, beautiful and extremely showy annual from South Africa. Plants grow 1 foot high and enjoy a sunny location. This is one of the loveliest of flowers. Pkt., 10c; ¼ oz., 35c.



Clarkia—Double Mixed.



Single Early Cosmos.



African Daisy.

DIANTHUS

An abundant and brilliant bloomer, averaging 1 foot high, adapted to borders, beds, and rock gardens.

CHINESE PINK MIXTURE (A*). Our double mixture covers the complete color range and includes not only the old standard sorts, but all the newest spotted, striped and fringed varieties. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

GRASS or CLOVE PINK MIXTURE (P*). Hardy, with grassy foliage and thin wiry stems, our Plumarius mixture includes both single and double blooms of this spicily fragrant and deeply fringed flower favorite. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

FORGET-ME-NOT (P). Best treated as an annual in this section, although it often winters with some protection. The dainty, clear blue flowers flourish in partial shade. Pkt., 10c.

FOUR O'CLOCK—Marvel of Peru (A). An old fashioned bushy, thrifty plant with bright blooms opening in afternoon and on cloudy days. Freely flowering from midsummer to frost. A fine annual hedge. Pkt., 5c; oz., 25c.

GAILLARDIA—Blanket Flower (P*). This hardy native perennial blooms from July until frost. Thriving anywhere, this gives you combinations of yellow and red. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

GERANIUM (TP). Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. Our mixture is of the largest and finest strains. Pkt., 10c.

Dianthus—Clove Pink.



Dianthus—Chinese Pink.



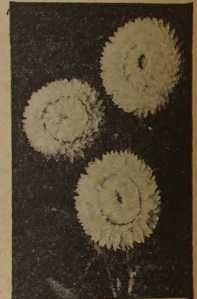
Pioneer Double Hollyhock.



Delphinium
Gold Medal Mixture



Four O'clock.



Helichrysum.

GOURDS

(AC). A valuable class of annual climbers. If allowed to ripen on the vines, the gourds can be kept for months as unique ornaments.

SMALL FRUITED MIXED. All shapes, colors and markings. Pkt., 8c; oz., 25c.

LARGE FRUITED MIXED. Pkt., 8c; oz., 25c.

GYPHOPHILA. Thrives almost anywhere and gives a charming misty effect in bouquet or border with their many tiny blossoms.

ELEGANS GRANDIFLORA ALBA—Angel's Breath (A*). Pure white, large flowered. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

PANICULATA—Baby's Breath (P*). Fine white flowers in June and July. May be dried for winter bouquets. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

HELICHRYSUM—DOUBLE STRAWFLOWER or EVERLASTING (A*). The finest and most widely grown of all Everlastings. Ornamental when growing with its wide range of color and much prized for winter bouquets. Pkt., 8c; $\frac{1}{4}$ oz., 20c.

HELIOTROPE—Mixed (TA). Fragrant, beautiful and long blooming it is easily grown and fine for either bedding or pot plant. Pkt., 10c; $\frac{1}{4}$ oz., 60c.

HOLLYHOCK

Among shrubs, as screen or background, the tall and stately Hollyhock has its place in every garden.

PIONEER—Double Mixed (P). This will not bloom the first year unless planted indoors by March. Our mixture comprises all shades. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

BISMARCK—Single Mixture (P). The single sorts are slightly harder and more vigorous than the doubles. Our mixture is equal to any. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

ANNUAL—Double Mixed (A). If sown in the open ground in May will bloom in August. Our mixture is double and semi-double. Pkt., 10c; $\frac{1}{4}$ oz., 40c.
For Hollyhock Roots See Page 67.

ICE PLANT—Mesembryanthemum Crystallinum (A). A trailing plant with singular icy foliage. Especially useful in rock garden. Pkt., 5c.

LARKSPUR

ANNUAL GIANT IMPERIAL MIXED (A*). The long spikes of gay double blooms and finely cut feathery foliage make Larkspur one of our most valuable garden flowers. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

DELPHINIUM—PERENNIAL LARKSPUR (P*). **GOLD MEDAL MIXTURE**. This beautiful and stately perennial is much used for backgrounds and cutting. The great spikes of glorious blooms range in color from pale blue to indigo. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

NEW ZEALAND DWARF. A profuse bloomer, growing 18 inches high. The flowers are dark blue. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

For Perennial Larkspur Roots, See Page 67.

LAVATERA-MALLOW

ROSEA SPLENDENS—SWISS ROSE (A*). An annual Mallow with very large, bright, rose flowers, showy and effective for border and cutting. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

PERENNIAL SIBERIAN (P). A beautiful, giant, hardy pink Mallow brought from Siberia by Professor N. E. Hansen. Pkt., 10c.



Annual Larkspur.



Tall African Marigold

DWARF FRENCH DOUBLE MIXED. The symmetrically rounded plants grow about 1 foot high, and the double blooms are borne freely. This sort is fine for bedding and edging as well as for cutting. Pkt., 5c; ¼ oz., 20c.

LINUM-FLAX

SCARLET FLAX—GRANDIFLORUM RUBRUM (A). Brilliant crimson flowers. For continuous bloom make successive plantings. Pkt., 5c; ¼ oz., 20c.

PERENNIAL BLUE (P). Native to North Dakota and one of the most graceful, free flowering and dainty perennials we know. Pkt., 5c; ¼ oz., 20c.

LOBELIA—CRYSTAL PALACE COMPACTA (A). The 6 inch plants are fairly covered with dainty deep blue flowers. Fine for edgings, beddings and pot culture. Pkt., 10c; ¼ oz., 70c.

LYCHNIS CHALCEDONICA (P*). Maltese or Jerusalem Cross. Flaming scarlet, large, ball like flower heads. Pkt., 10c.

MARIGOLD (A*)

A wealth of colorful decorative blossoms from midsummer to frost. Lovely for cutting.

GIGANTEA SUNSET HYBRIDS. The largest Marigold yet developed, its delicately sweet scented flowers average 5 inches in diameter. The plants are from 3½ to 4 feet tall. Though a small percentage of single flowers may be expected, the size and beauty of the blooms will repay the planter. Pkt., 15c; ¼ oz., 90c.

GUINEA GOLD. The large, double, carnation like blooms are a brilliant golden orange. This is deservedly one of the most popular Marigolds. Pkt., 10c; ¼ oz., 30c.

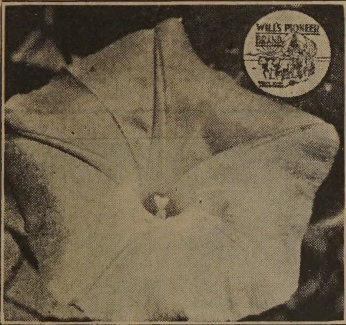
TALL AFRICAN DOUBLE MIXED. The plants are 2½ feet high and the very large globular flowers have tubular or quilled petals. Our mixture ranges in color from light lemon to deep orange. Pkt., 5c; ¼ oz., 20c.

MORNING GLORY (A-C)

Quick growing, free flowering climbers.

HEAVENLY BLUE—Clark's Early Strain. The finest of all morning glories, the blooms are true blue with white throats and from 3 to 4 inches across. Pkt., 15c; ¼ oz., 40c; oz., 95c.

ALLEN'S EARLY DWARF. Starts to bloom almost as soon as it comes up. A variety of handsome colors. Flowers small but very lovely. Pkt., 15c.



Heavenly Blue Morning Glory.

CRIMSON RAMBLER. The bright, ruby red flowers are slightly smaller than those of the Heavenly Blue, but this is a very vigorous bloomer and rapid climber. Pkt., 15c; ¼ oz., 25c; oz., 65c.

FINEST MIXED—Convolvulus Major. A good mixture of the old fashioned yet ever popular climber. Pkt., 5c; oz., 15c; ¼ lb., 40c.

NASTURTIUMS (A*)

For border, bed, window box and bouquet. One of our most easily grown and popular flowering plants. Blooms early and throughout a long season in wide color range.

GOLDEN GLEAM—DOUBLE SWEET SCENTED. This most satisfactory double Nasturtium continues to gain in popularity. The fragrant, golden yellow blooms are borne well above the foliage on strong bushy plants. Pkt., 10c; oz., 20c; ¼ lb., 55c.

DWARF DOUBLE GEM MIXED. The plants are dwarf and compact. While some single blooms may be expected, the great majority will be large, double or semi-double, sweet scented, in well balanced color mixture. Pkt., 10c; oz., 20c; ¼ lb., 55c.

WILL'S PIONEER BRAND DWARF SINGLE MIXED. The best obtainable mixture of desirable colors. Pkt., 5c; oz., 15c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 90c.

WILL'S SUPERB TALL SINGLE MIXED. Plants from our mixture will grow 5 to 6 feet high, with showy blooms of the most brilliant shades. Pkt., 5c; oz., 15c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 90c.

MIGNONETTE MACHET (A*). A modest, fragrant plant, growing 1 foot high, with compact spikes of bloom. Pkt., 10c; ¼ oz., 15c.

NICOTIANA—AFFINIS HYBRIDS (A). Plants 2 to 3 feet high bear star-shaped blossoms which are delightfully fragrant, especially at evening. Pkt., 10c; ¼ oz., 25c.

NIGELLA—LOVE-IN-A-MIST-NIGELLA (A*). A favorite, compact growing plant in whose fine feathery foliage nestle lovely double cornflower-blue blooms. Pkt., 10c; ¼ oz., 20c.

WILL'S PANSIES

WILL'S ROYAL SHOW (P*). The best mixture we can supply. The blooms are all that can be desired in color, size and form. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$3.00.

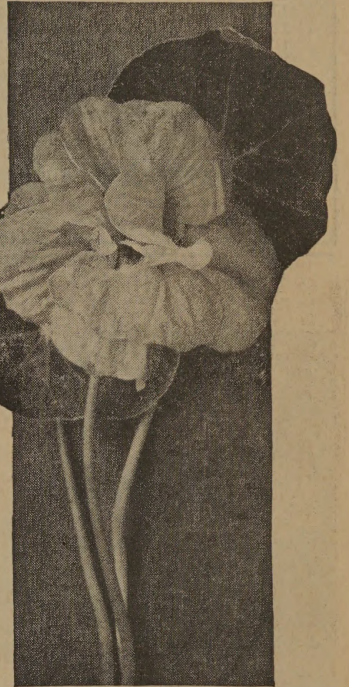
WILL'S PREMIUM MIXTURE. While not to be compared with the Royal Show, this mixture has large blooms in complete color range and will please everyone who enjoys Pansies. Pkt., 5c; ¼ oz., 60c.

For Pansy Plants, See Page 55.

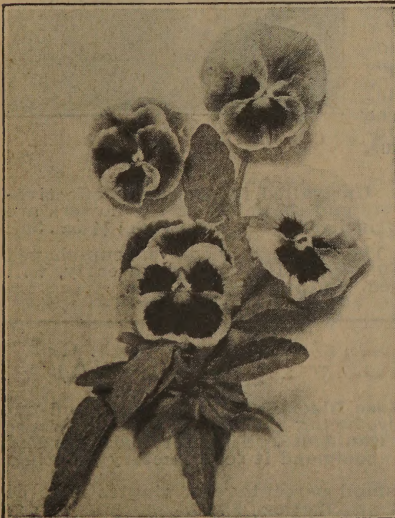
PENTSTEMON GRANDIFLORA—BEARD TONGUE (P*). One of our most beautiful native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July with long spikes of lavender, bell shaped blossoms. Pkt., 5c; ¼ oz., 20c.

PRIMROSE or PRIMROSE MALACOIDES (TA). Sown in April will make plants for fall and winter blooming indoors. Pkt., 10c.

RICINUS—CASTOR BEAN (TA). Tall stately plant with ornamental foliage and brilliant colored fruit. Pkt., 10c; oz., 20c; ¼ lb., 45c.



Nasturtium—Golden Glean.



Royal Show Pansies.



Phlox Drummondii.

PHLOX — DRUMMONDI GRANDIFLORA MIXED (A*).

Easily grown, brilliant and fresh in color, Phlox is one of the most satisfactory annuals. Flowers from our mixture are distinct and vivid in splendid variety of tone. Pkt., 10c; ¼ oz., 30c.

PHLOX - GIANT FLOWERED - GIGANTEA ART SHADES (A*).

The individual flowers are from 1¼ to 1½ inches in diameter in lovely, soft, pastel shades. Pkt., 20c; ¼ oz., 80c.

PETUNIAS (A*)

Enjoy sunshine, bloom profusely within 2 months from seed and are fine for bedding, porch or window box, border and pot.

ALL DOUBLE GIANT FRINGED MIXED. The best Double Petunia seed obtainable. Practically all of the dwarf, stocky plants will have double fringed blooms. Pkt., containing about 140 seeds, 35c; 2 pkts., 60c.

SPECIAL SINGLE MIXTURE—HYBRIDA GRANDIFLORA. Plants grow 2 feet tall. Flowers are not overly large, but are borne profusely and their wonderful colorings and markings make a brilliant show in bed or border. Pkt., 10c; ¼ oz., 55c.

RUFFLED MONSTER MIXTURE. Very large, single, ruffled flowers, richly marked and veined. About 300 seeds to the packet. Pkt., 25c.

BALCONY TYPE MIXED. Single, large flowering and free blooming, trailing in habit and especially suited to bed and window boxes. Pkt., 15c.

ROSY MORN. A dwarf Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. Pkt., 10c; ¼ oz., 90c.

For Petunia Plants See Page 55.



All Double Giant Petunias.

POPPIES (A)

Brilliant flowers produced freely in a riot of color.

CARNATION MIXED. Large double flowers with fringed petals in wide range of color. Pkt., 5c; ½ oz., 15c.

CALIFORNIA or ESCHSCHOLTZIA-BRILLIANT MIXED. These brilliant flowers are produced on low spreading plants with silvery cut foliage. For bouquets, cut when buds first show color. Pkt., 10c; ¼ oz., 15c.

AMERICAN LEGION. An improved Flanders Poppy, its color is a dazzling scarlet. Pkt., 10c; ¼ oz., 20c.

DOUBLE SHIRLEY MIXED. Large, graceful silky flowers. Pkt., 10c; ¼ oz., 20c.

BLUE MAW (A). Not intended for planting, but used for cooking by the people of Central and Southeastern Europe, and quite largely by people from those districts who have settled in this country. ¼ lb., 10c; 1 lb., 30c, postpaid.

ORIENTAL MIXED (P). Unrivalled for gorgeous effectiveness in perennial borders and shrubberies, the flowers are immense, frequently six inches across. Pkt., 10c; ¼ oz., 50c.

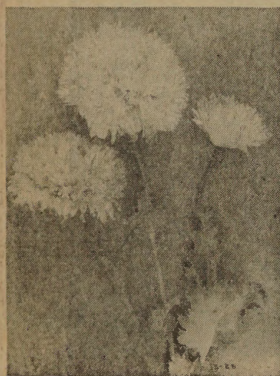
ICELAND MIXED (P*). The large, gaily colored, cup-shaped flowers bloom on graceful, wiry stems. If sown early, will bloom first year from seed. Pkt., 10c; ¼ oz., 50c.

PORTULACA—Rose Moss(A)

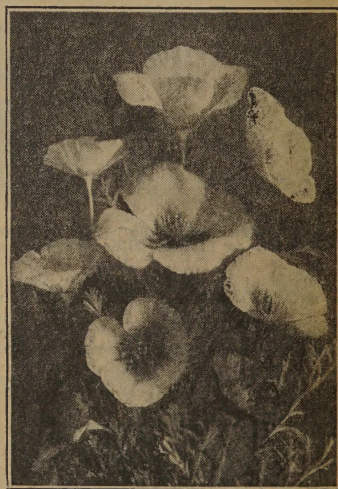
Hardy, Sun Loving, Profuse Bloomer. Blooms early and until frost, thriving and producing a brilliant display where almost any other plant would die. Fine for beds, borders and ground cover. We recommend it for cemetery planting.

DOUBLE MIXED. A small percentage of singles is to be expected. Pkt., 10c, ¼ oz., 70c; oz., \$2.25.

SINGLE MIXED. Pkt., 5c; ¼ oz., 20c; oz., 55c.



Carnation Poppy.



California Poppy—Eschscholtzia.



Single Portulaca.



Dwarf
Ten Weeks Stocks

SALPIGLOSSIS — VELVET FLOWER or PAINTED TONGUE—Large Flowering Mixed (A*). Easily grown annual, 2 to 2½ feet tall, and one of our favorite flowers. The velvety blooms are large, trumpet shaped, and of richest colors, from creamy white to deep purple, all veined with gold. Pkt., 10c; ¼ oz., 35c.

SALVIA—**CLARA BEDMAN or EARLY BONFIRE** (TA*). Its erect spikes of brilliant scarlet flowers make this one of the most handsome of Salvias. Pkt., 10c; ¼ oz., 70c.

SCABIOSA—Tall, Large Flowered Double Mixed (A*). Also known as Mourning Bride or Pin Cushion Plant. The showy, double blooms are borne on long strong stems and soft colors predominate. Pkt., 10c; ¼ oz., 20c.

SNOW-ON-THE-MOUNTAIN — Euphorbia Variegata (A). A bushy plant of colorful foliage, much used in borders and backgrounds. The broad green leaves are heavily margined with silvery white. Pkt., 10c; oz., 30c.

STOCK—GILIFLOWER—Double Dwarf, Ten Weeks (A*). The large, profuse spikes of rosette like blooms are of beautiful coloring and rich fragrance. A small percentage of singles may be expected, but our early mixture is as true to type as can be obtained. Pkt., 10c; ¼ oz., 50c.

SUNFLOWER—Helianthus—Double Chrysanthemum Flowered (A). The plants are 7 feet tall. The double, golden yellow flowers are 6 to 8 inches across with fringed petals. Pkt., 5c; oz., 35c.



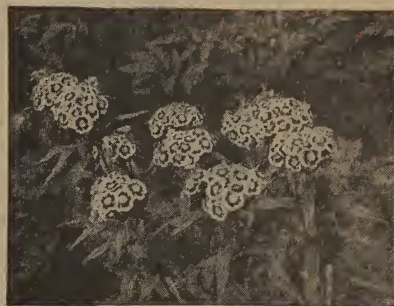
Salpiglossis
or Velvet Flower



Verbena

Hybrida—Mammoth
Choice Mixed (A*)

(A*). A very popular dwarf plant of many uses, bearing clusters of brilliant star shaped flowers through a long season. Pkt., 10c; ¼ oz., 40c.



SWEET WILLIAM

Dianthus Barbatus—Double and Single Mixed (P*). An old garden favorite, 1½ to 2 feet high, blooming early with handsome broad clusters of little pinks. With some care plants will last many years, although they may be easily raised from seed each season. Pkt., 10c; ¼ oz., 25c.

FOR MAMMOTH RUSSIAN
SUNFLOWER SEE PAGE 50.

ZINNIAS

THE FLOWER FOR GREAT PLAINS GARDENS. FLOURISHES IN HEAT AND WITH LITTLE CARE. PRACTICALLY FREE FROM PLANT DISEASES — WITH LONG SEASON OF BLOOM. SHOWY, BRIGHT AND FREE FLOWERING—FINE FOR CUTTING AND EVERY GARDEN USE.

DAHLIA, FLOWERED—

Gold Medal Mixture. Best for general garden use, 2½ to 3 feet tall. The blooms average 4½ to 5 inches across, in bright intense shades. Our seed is from the originator, is

from the originator, is grown in separate colors and then mixed, and is vastly superior to much that is offered. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.



Double Lilliput Zinnia

grown in separate colors and then mixed, and is vastly superior to much that is offered. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

INDIAN SUMMER MIXTURE. A highly satisfactory blend of the Largest Flowering types in bright warm colors, without a trace of harshness. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

CALIFORNIA GIANTS—Mixed. The blooms are not as deep as those of the Dahlia flowered type, but fully as large, and the longer stems make this sort more desirable for cutting. Pkt., 10c; ¼ oz., 35c; oz., \$1.00.

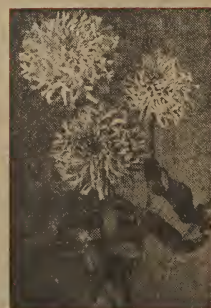
DOUBLE LILLIPUT or POMPON—Mixed. The plants are from 12 to 18 inches high, blooming profusely in 45 days from seed. The flowers are very double, 1 to 1½ inches in diameter, and the colors bright and well varied. Pkt., 10c; ¼ oz., 25c; 1 oz., 90c.

FANTASY—Mixed. A medium sized Zinnia with shaggy petals, curved and quilled, graceful and delicate. The color mixture is complete. Pkt., 10c; ¼ oz., 40c; oz., \$1.25.

SCABIOUS FLOWERED MIXTURE. An oddly attractive bloom resembling the annual Scabiosa. The plants are 2 to 2½ feet high and the flowers are medium sized with rich color range. Pkt., 15c; ¼ oz., 50c; oz., \$1.60.



Dahlia Flowered Zinnia, Gold Medal Mixture



Zinnia-Fantasy

Will's Sweet Peas



Early Flowering Spencer Sweet Peas

SWEET PEA COLLECTION

One regular packet of each of the fifteen best varieties listed below (will sow 90 feet of row) together with a GARDEN SIZE PACKAGE OF NITRAGIN to treat the seed for best results,

\$1.00

The following varieties of Sweet Peas are priced at: Pkt., 10c; oz., 25c; ¼ lb., 75c. Any three packets, 25c.

SUMMER FLOWERING SPENCERS

AMETHYST. Clear Medium Blue.

BRIDAL VEIL. White.

DISCOVERY. Chamois Pink.

ECSTASY. Light Pink.

FLAGSHIP. Navy Blue.

FLORADALE. Salmon Pink on Cream.

KING LAVENDER. Lavender.

MASTER CREAM. Deep Cream.

OLYMPIA. Purple.

PEER. Orange Pink.

STYLIST. Clear Rose Pink.

WELCOME. Brilliant Scarlet.

EARLY FLOWERING SPENCERS

AMERICAN BEAUTY. Deep Crimson.

DAPHNE. Soft Salmon Pink on Cream.

STAR. Sparkling Rose Pink.

The above fifteen varieties of Sweet Peas are priced: Pkt., 10c; oz., 25c;

¼ lb., 75c. Any three packets, 25c.

One packet of each of the fifteen sorts, together with a Garden Size Package of Nitratin, \$1.00.

A Few Suggestions

The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. Soaking seed in water over night before planting will hasten germination. The seed should be sown, two inches deep, at the rate of one ounce to twenty feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember, the vines quickly wither, if allowed to produce any great amount of seed. Spray thoroughly and often to prevent infection by aphids.

Choice Mixed Sweet Peas

EARLY FLOWERING SPENCER MIXTURE. These come into bloom three weeks before the standard Spencer varieties, but with the same long stems and large, wavy flowers. They have replaced the standard Spencers in greenhouse planting, and, though they do not grow quite as tall nor branch as much, their earliness and long season of bloom make them invaluable for outdoor planting, particularly in the short seasoned north. Pkt., 10c; oz., 25c; ¼ lb., 85c; ½ lb., \$1.50; 1 lb., \$2.80.

WILL'S IMPERIAL MIXED SWEET PEAS. A mixture in proper proportions of the large wavy standard Spencer sorts with every Sweet Pea color represented in every possible combination. Pkt., 5c; oz., 10c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25.

HEAT RESISTANT MIXTURE.

A new and very vigorous, free flowering blend particularly adapted to our conditions. You will find this mixture satisfactory in every way. Pkt., 10c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.65; 1 lb., \$3.00.

SIBERIAN PERENNIAL SWEET PEAS (P). The vines are about 5 feet high, absolutely hardy and bloom all summer if blossoms are kept picked. Pkt., 10c.

Treat Sweet Peas with

NITRAGIN



Garden Size 10c, Postpaid
Will Treat Up to 6 Pounds of Peas,
Beans, and Sweet Peas.

SEE PAGE 77



Will's Imperial Mixed Sweet Peas

Thought you would like to know that I won first prize on your Imperial Mixed Sweet Peas at our local fair last September. They were beautiful to say the least and blossomed right up till freezing weather.—Mrs. Harry Hagenbrock, Rt. 3, Ex. 666, Duluth, Minn.

Will's Pioneer Brand Vegetable Seeds

→ THIS
IS
→



Please remember that the Garden Seed prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.

WILL'S DOLLAR HOME GARDEN COLLECTION

Planned for a garden 25x50 feet in 25-foot rows. Amount, variety, space required, distance between rows, and prices are shown at right:

1/2 lb. Improved Golden Wax Beans, 2 rows, 18 inches	\$.20
1 oz. Will's Improved Beet, 2 rows, 18 inches	.10
1 pkt. Copenhagen Market Cabbage, 1 row, 2 feet	.05
2 pkts. Danvers Half-Long Carrot, 2 rows, 18 inches	.10
1/4 lb. Golden Bantam Sweet Corn, 4 rows, 2 1/2 feet	.10
1 pkt. Early Fortune Cucumber, 1 row, 3 feet	.05
2 pkts. Lettuce (1 Leaf, 1 Head), 1 row, 1 foot	.10
2 pkts. Will's Dakota Globe Onion, 2 rows, 18 inches	.10
1 pkt. Improved Guernsey Parsnip, 1 row, 18 inches	.05
1/2 lb. Bliss Everbearing Peas, 2 rows, 2 feet	.20
1/2 lb. Laxton's Progress Peas, 2 rows, 2 feet	.20
1 oz. Will's Early Carmine Radish, 2 rows, 1 foot	.10
1 pkt. Lucullus Swiss Chard, 1 row, 18 inches	.05
1 pkt. Bison Tomato, 1 row, 4 feet	.10
VALUE IF ORDERED SEPARATELY	\$1.50

Will's Pioneer Brand. It stands for earliness and hardiness. Behind it are fifty-eight years of experience.

Will's Hardy Garden Seeds—Selected for the Northwest—do well everywhere.

\$1.00
Postpaid

A GOOD GARDEN IS THE MOST PROFITABLE PIECE OF GROUND ON A FARM

For WILL'S GLORIOUS FLOWER ARISTOCRAT GLADIOLUS COLLECTIONS SEE PAGE 3 Inside Back Cover

WILL'S PIONEER INDIAN COLLECTION

5 Packets for 20c

Five packets of the same vegetable varieties that were grown by the Indians long before they ever saw or heard of a white man. One packet each of:

Arikara Squash
Iriquois Popcorn
Omaha Pumpkin
Nuetta Sweet Corn
Hidatsa Beans

FIVE PACKETS FOR 20 CENTS.

WILL'S LEADER COLLECTION 15 PACKETS

One Each of Our 15 Most Popular Varieties

Detroit Dark Red Beet
Copenhagen Market Cabbage
Danvers Half Long Carrot
Danish Perfection Cauliflower
Early Fortune Cucumber
Early Curled Simpson Lettuce
Chipman Strain Lake
Champlain Muskmelon

Will's Dakota Globe Onion
Guernsey Parsnip
Harris' Earliest Pepper
Will's Early Carmine Radish
Will's Improved Purple Top Yellow Rutabaga
Banquet Squash
Bison Tomato
Dakota Sweet Watermelon

15 PACKETS for 55c

WILL'S SWEET CORN COLLECTION

This collection is designed to give Corn lovers the longest possible succession of roasting ears.

Pickaninny Golden Gem
Nuetta Sunshine
Improved Early Dakota
Great Plains Golden Bantam
Will's Banana Cream

2 Ounces of Each of the above
The Price of the Collection, Postpaid 50c

I have used your seeds since I was married (1920) and my husband's father used them many years before that so we have given them a good test and have always been well satisfied.
MRS. EDW. H. HERB, Verdon, S. Dak.

I have bought seeds from you for about 25 years and have always been well pleased with all seeds I got from Oscar H. Will & Co.
MRS. W. F. STRATTON, Bx. 656, Butte, Montana.

I like Will's seeds the best of all. I have used them since I have been raising gardens, over thirteen years. A faithful friend,
MRS. MATTIE MOSBY, Powderville, Montana.

Have used your seeds ever since we lived here, 19 yrs. Would use no others.

J. HARRY WILSON, Bx. 1415, Jamestown, N. Dak.

PLANTING TABLE FOR VEGETABLES

For the Farm Garden we recommend that all rows be equal distances apart and that that distance be the same as that of the cultivated field crops of the farm.

Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row	Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row
200	*Beans—Dwarf, Snap	2-5.....	20.....	3/4 lb.	300	Onions.....	4-6.....	14.....	1/2 oz.
100	Beans—Dwarf, Lima	6.....	20.....	1 lb.	200	Onions, from sets.....	2-3.....	16.....	3 pts. sets.
150	*Beets.....	2-4.....	18.....	1 1/2 oz.	50	Parsnip.....	3-5.....	18.....	1/2 oz.
200	Cabbage.....	16-24.....	24.....	50-75 plants.	300	*Peas.....	3/4-1 1/2	30.....	1 lb.
50	Cauliflower.....	16-24.....	24.....	50-75 plants.	25	Peppers.....	16.....	24.....	60 plants.
50	*Carrot.....	2.....	18.....	1/2 oz.	800	Potatoes, Early.....	14-18.....	30.....	1/2 peck.
50	Celery.....	4-8.....	18.....	200 plants.	150	*Radish.....	1-2.....	16.....	1 oz.
500	*Corn, Sweet.....	16-36.....	30.....	2 oz.	200	*Spinach.....	1-3.....	18.....	1 oz.
100	Cucumber.....	48.....	Hills 48.....	1/2 oz.	25	Squash, Summer.....	Hills 42.....	42.....	1/2 oz.
25	Eggplant.....	20-30.....	24.....	50 plants.	100	Tomato.....	30.....	30.....	40 plants.
50	*Lettuce.....	4-8.....	Beds 6.....	1/2 oz.	800	*Turnip.....	2-4.....	18.....	1/2 oz.
150	Muskmelon.....	Hills 72.....	72.....	1/2 oz.					

These vegetables marked * should not all be planted at one time, but apart at intervals of 2 or 3 weeks to secure a continuous supply.



Green Pod Stringless.

BOUNTIFUL. A favorite throughout the Northwest for its earliness, hardness and productivity. The best flat podded green Bean. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality. Its hardness and yield under adverse conditions are its best qualities. Pkt., 5c; ¼ lb., 12c; ½ lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.75.

GREEN POD STRINGLESS. This most widely grown of all the green podded sorts is very early and of best quality. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. Pkt., 5c; ¼ lb., 11c; ½ lb., 19c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.55.

TENDERGREEN. The dark green pods are fine textured, fleshy, brittle, tender and stringless. The compact vines are vigorous and heavily productive. The best round podded dwarf green Bean. Pkt., 5c; ¼ lb., 12c; ½ lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.75.



Jackson Wonder Bush Lima.

Bohnen
(Ger.)

Will's Beans

Boenner
(Scan.)

Belong in Every Garden

CULTURE: Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. One pound of beans is a little more than one pint.



See Page 77

DWARF GREEN PODDED BEANS



Bountiful.

SHELL or SNAP BEANS

DWARF HORTICULTURAL or CRANBERRY. The old fashioned New England snap and shell Bean, and you haven't tasted succotash until you have tried building it around this Bean. The pods are about 5 inches long, flat, almost stringless, greenish-yellow splashed with carmine. The seeds are deep buff, streaked with dark red. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

ENGLISH BROAD WINDSOR. The broad bean is one of the common household vegetables in Great Britain and on the Continent of Europe, and is very much esteemed there. This is the heaviest cropping broad bean. Delicious either cooked fresh or as a Winter shell bean. Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.

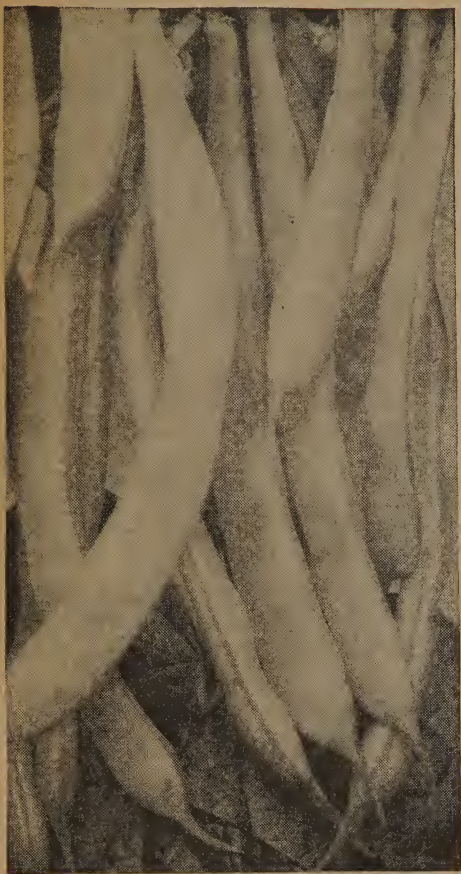
LIMA BEANS

FORDHOOK BUSH LIMA. The best large podded Dwarf Lima. Pods of good length and contain from 4 to 5 large, thick, white beans. A wonderful producer and of excellent quality. Pkt., 10c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.

JACKSON WONDER BUSH LIMA. This small seeded, calico colored Bush Lima is as early and dependable as any Lima Bean we have ever had in our trials. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

HOPI LIMA. A very early and hardy vining sort with small, white, fine flavored Beans. It is as early as Jackson Wonder and very productive. Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30.

DWARF WAX PODDED BEANS



Improved Golden Wax.

WEBBER WAX or EARLY WONDER. (Also known as Cracker Jack.) The earliest wax Bean, prolific and drouth resistant. The waxy yellow pods are from 5 to 6 inches long, flat, meaty, brittle, nearly stringless and of good quality. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.



Sure Crop Stringless Wax.

SURE CROP STRINGLESS or BOUNTIFUL WAX.

The best flat wax bean. A heavy yielding, disease resistant, and delicious Wax Bean. The long, golden pods are thick-flat, meaty, brittle, strictly stringless, and of fine texture and quality. Pkt., 5c; ¼ lb., 11c; ½ lb., 19c; 1 lb., 31c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.60.

IMPROVED GOLDEN WAX.

This is the very finest selected strain of Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. Pods are large, fleshy, and entirely stringless. Color is a bright golden. A very early sort, and highly rust resistant. Pkt., 5c; ¼ lb., 12c; ½ lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.

SIoux STRINGLESS WAX. A fine, round podded wax Bean, rich cream yellow, straight, crisp and stringless at all stages. Equal to Pencil Pod Black Wax in quality with straighter pods, lighter colored seed and heavier yield. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

PENCIL POD BLACK WAX.

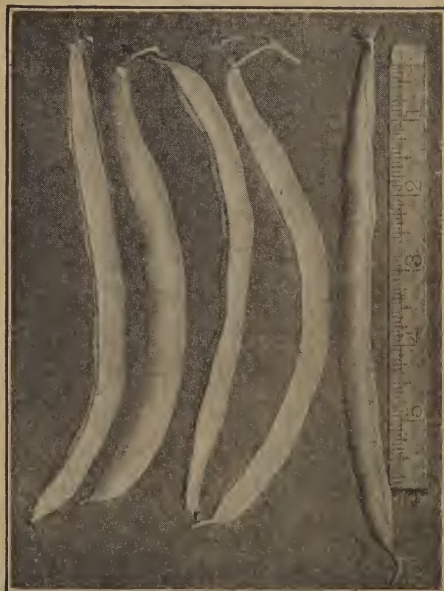
Very desirable for home and market garden, hardy, productive and of finest quality. Probably the finest

Round Podded Wax Bean. The round golden yellow pods are fleshy, brittle, stringless and very tender. Pkt., 5c; ¼ lb., 12c; ½ lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.

NEW KIDNEY WAX. A productive and high quality mid-season variety, stringless, fiberless, very fleshy and brittle. The flat pods average 6 ½ inches long and are an attractive, clear yellow in color. Pkt., 5c; ¼ lb., 13c; ½ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.00.



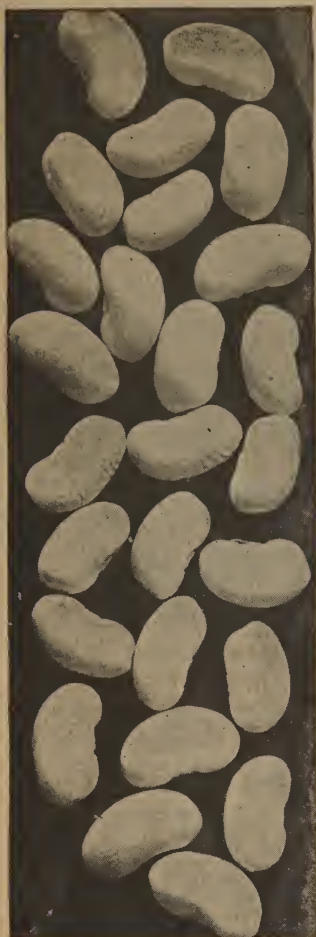
For Better Yields Treat Beans and Peas with Nitragin. A 10c Package Will Treat Up to 6 lbs. of Seed



Pencil Pod Black Wax.

Pole Beans and Field Beans on Next Page.

We have bought seeds from you for nearly 30 years and are always successful with them as they seem to be suitable varieties for this climate. Dan Donahue, Meriden, Wyo.



Great Northern Beans
(Natural Size).

POLE BEANS

KENTUCKY WONDER WAX. The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. Pkt., 5c; $\frac{1}{4}$ lb., 13c; $\frac{1}{2}$ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

KENTUCKY WONDER or OLD HOMESTEAD. The most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, curved, tender and of good quality. The old reliable. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.

FIELD BEANS

GREAT NORTHERN—The Best Baking Bean

Every one knows the Great Northern Beans, but few know that the seed was originally obtained over fifty years ago by Oscar H. Will from Son of a Star, an Hidatsa Indian, by whose tribe it had been grown for many years. Hardy, a heavy yielder and early, it is much more tender and more quickly cooked than the Navy Bean, and one of the most largely grown field Beans.

GREAT NORTHERN—IDAHO U. NO. 56. A great improvement over the standard Great Northern in earliness, yield and uniformity of seed. $\frac{1}{4}$ lb., 8c; $\frac{1}{2}$ lb., 14c; 1 lb., 25c, postpaid. Not prepaid, 10 lbs., \$1.00; 100 lbs., \$8.25.

GREAT NORTHERN. A good standard stock. $\frac{1}{4}$ lb., 8c; $\frac{1}{2}$ lb., 14c; 1 lb., 24c, postpaid. Not prepaid, 10 lbs., 95c; 100 lbs., \$8.00.

HIDATSA RED. A heavy yielding, hardy and excellent baking Bean. The seed is red in color and similar to the Great Northern in shape. Pkt., 5c; $\frac{1}{4}$ lb., 9c; $\frac{1}{2}$ lb., 15c; 1 lb., 27c, postpaid. Not prepaid, 10 lbs., \$1.25.



Mary Washington Asparagus.

Spargel (Ger.)

Asparagus

Aspargen (Scan.)

Culture. One ounce will sow 100 feet of row. Soak seed for 24 hours before planting 1 inch deep in rows 1 foot apart. When 1 year old set plants in permanent beds. Work soil to depth of 16 inches, manure heavily, and set roots 2 feet apart in the row with rows 4 feet apart and crowns 4 inches below the surface.

MARY WASHINGTON. The very vigorous and rust resistant variety developed by the U. S. Department of Agriculture. The best yielding pedigree strain, with large rich, dark green stalks. About 225 seeds to a packet. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00, postpaid.

ASPARAGUS ROOTS

MARY WASHINGTON. Two Year Old Roots. Price, postpaid, doz., 35c; 50, \$1.00; 100, \$1.75. F.O.B. here, 50, 90c; 100, \$1.65; 1,000, \$12.00.



Hotkaps

An individual hot-house for every plant. Made of wax paper, guards against rain, frost, wind and insects. Home Garden Package contains 25 Hotkaps and cardboard setter; postpaid, 65c; not prepaid, 50c. Not prepaid,

100 Hotkaps, \$2.65; 250 for \$3.85, and 1000 for \$10.25. The 100 and 250 Hotkap packages contain a light metal garden setter and steel tamper.

Blätterkohl
(Ger.)

BORECOLE OR KALE

Greenkaal
(Scan.)

GREEN CURLED or SCOTCH. This is more hardy than cabbage and makes excellent greens for Fall and early Spring. A good frost improves the quality. About 1,300 seeds to the packet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.

Rosenkohl
(Ger.)

BRUSSELS SPROUTS

Rosenkaal
(Scan.)

LONG ISLAND IMPROVED. Undoubtedly the best and most dependable sort of this most delicately flavored of the Cabbage family. This variety is the earliest, most dwarf and compact. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.00.



Green Sprouting Broccoli.

Spargelkohl (Ger.)

BROCCOLI

Broccoli-Kaal (Scan.)

ITALIAN GREEN SPROUTING. A distinct variety forming a large solid head, which remains green. When the central head is cut, numerous sprouts develop from the leaf axes, each sprout terminating in a small green head. Cooked as is cauliflower, it is very easily grown, one of the most delicious green vegetables, and decidedly worth trying. Pkt., 10c; ½ oz., 30c; oz., 50c.

Schnittlauch (Ger.)

Chives

SCHNITTLAUCH (Grass Onion). The decorative perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. About 1200 seeds to the packet. Pkt., 10c; oz., 50c. To those preferring to set out plants we offer Clumps: Each, 22c; doz., \$2.00, postpaid.

Am very well pleased with garden seeds we purchase from you. Seems to me I have used them nearly 30 years. Even in old Iowa soil I have better results than when using other seed.

Mrs. C. L. Vaughn,
R No. 2,
Nora Springs, Iowa.

We have used Will's Seeds for 38 years to date. They are O. K.
R. A. Bean, Augusta, Mont.

Garten-Kresse (Ger.)

Cress

Karse (Scan.)

UPLAND. For salads and garnishing. About 1700 seeds to the packet. Pkt., 10c; oz., 25c; ¼ lb., 75c, postpaid.

Endivien (Ger.)

Endive

Endivie (Scan.)

MAMMOTH GREEN CURLED. The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. About 1400 seeds to the packet. Pkt., 5c; oz., 12c; ¼ lb., 45c, postpaid.

BROAD LEAVED BATAVIAN or ESCAROLE. One of the best varieties for salads. Pkt., 5c; oz., 10c; ¼ lb., 35c, postpaid.

Feldsalat (Ger.)

Corn Salad

Vaarsalat (Scan.)

LARGE ROUND-LEAVED. This is a small, quick growing salad plant for late Fall or early Spring. It may also be cooked for greens. About 300 seeds to the packet. Pkt., 10c; oz., 19c; ¼ lb., 50c, postpaid.

MUSHROOM SPAWN

Bottle Spawn. One bottle will plant 35 to 40 square feet of bed or about five times as much as one brick. Catches quicker and handles easier than brick spawn. Bottle Spawn is shipped removed from glass containers. Per bottle, 90c, postpaid.

Eierpflanze (Ger.)

Eggplant

Aegplante (Scan.)

This seed is chemically treated to eliminate seed born diseases and to aid germination and early growth.

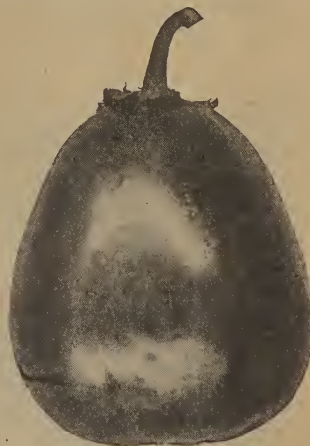
Culture: Sow the seed (which is slow to germinate) in hotbed or indoors in boxes early in spring. When all danger of frost is past, transplant in open ground 2 by 3 feet apart.

EXTRA EARLY DWARF. This is the earliest Egg Plant grown, ripening nearly two weeks before any of the late sorts. The fruit is small but delicious. This is an exceedingly satisfactory variety for our section. Pkt., 10c; oz., 40c; ¼ lb., \$1.35, postpaid.

BLACKIE. This origination of the Central Experiment Farm, Ottawa, Canada, is a cross between Black Beauty and Extra Early Dwarf Egg Plants. The result is a commercially valuable Egg Plant, much larger than Extra Early Dwarf and very much earlier than Black Beauty. This new sort is the earliest good sized Egg Plant. Pkt., 10c; oz., 50c; ¼ lb., \$1.60, postpaid.

BLACK BEAUTY. Until the introduction of Blackie this was the earliest of the large type Egg Plant. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. Pkt., 10c; oz., 35c; ¼ lb., \$1.15, postpaid.

For Egg Plant plants See Page 56



Blackie Egg Plant

Lauch (Ger.)

Leek

Purre (Scan.)

LARGE LONDON or FLAG. Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. About 1200 seeds to the pkt. Pkt., 10c; oz., 20c; ¼ lb., 60c, postpaid.

Ocher (Ger.)

Okra

Hibiskus (Scan.)

DWARF GREEN. A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. About 70 seeds to the packet. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

Knoll Kohl (Ger.)

Kohl-Rabi

Kaalrabi (Scan.)

EARLY WHITE VIENNA. This best Kohl Rabi is extra early and easily grown. The nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. Use when about the size of a hen's egg. Pkt., 5c; oz., 20c; ¼ lb., 60c.



Early White Vienna Kohl-Rabi



Detroit Dark Red Beet

BEET

DETROIT DARK RED.

The best main crop beet. The roots are smooth, medium size, globe-shaped. The skin is a dark blood red and the flesh is a solid vermilion-red with no zoning. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.85.

We shall appreciate notification by our customers of any change in address or duplication of catalogs.

I think no seeds grow as good as Will's. Have used them since 1920.—Mrs. E. C. Dunclee, Bx. 67, Bowesmont, N. Dak.

Mangel Wurzel
(Ger.)

Mangels or Stock Beets

Runkelroe
(Scan.)

A cheaply produced, heavy yielding, highly valuable feed for stock and poultry.

Culture. Sow in May or early June in deep mellow soil, about $1\frac{1}{2}$ inches deep, in rows $1\frac{1}{2}$ to 2 feet apart. Four to six pounds are required to the acre.

The following Mangels are priced: Oz., 8c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 33c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.25.

MAMMOTH LONG RED. The heaviest yielder and most popular of all Mangels. The light red roots are pinkish fleshed and grow well out of ground. Yields run as high as fifty tons to the acre.

GOLDEN GIANT or DANISH SLUDSTRUP. A very high yielder, the long, oval roots are reddish yellow with white flesh, growing more than half above ground and easily harvested.

GOLDEN TANKARD. A variety noted for its milk producing properties. The cylindrical roots grow well out of the ground and yield well on light soil. The flesh is yellow zoned with white.

GIANT HALF SUGAR ROSE. The long, oval, white fleshed roots are white skinned with rose-colored shoulder. This type combines in considerable degree the sugar content of the sugar beet and the size of the mangel.

The Mangels above are priced: Oz., 8c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 33c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.25.

Sugar Beet

KLEIN WANZLEBEN. The most desirable and extensively grown Sugar Beet. The roots are wedge shaped, 12 to 15 inches long, and about 4 inches thick at the shoulder. The skin is grayish white and the flesh pure white. With very high sugar content and good keeping qualities, this is not only a source of sugar, but an excellent stock food and milk producer. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$2.40.

Will's catalogue tells the honest truth about the goods for sale.—W. H. Osborn, 712 Spies Ave., Menominee, Mich.



Golden Giant Mangel

Rübe
(Ger.)

BEETS

Roedbede
(Scan.)

Culture: Sow from April 15th to July 15th, covering 1 inch deep. Thin to 4 to 5 inches apart in the row. Thinning can be done gradually for greens and small beets. One ounce will sow 75 feet of row; six pounds, an acre. About 450 seeds in a packet.

WILL'S IMPROVED BLOOD TURNIP BEET. This is an exceptionally fine strain of Crosby's Egyptian. The roots are somewhat flattened though globular, and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early Beet and a good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.85.

GOOD FOR ALL. Especially fine for canning and pickling whole when $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter, but equally good for table use fully grown and 3 inches across. The roots are very even in color, size and shape, almost perfectly globular and a deep crimson inside and out. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$4.35.

Small young Beets cooked with their equally tender tops are delicious.

OHIO CANNER. This deep blood red Beet is free from zoning, flattened globe in shape, uniform in growth, tender, sweet, and the most handsome Beet when canned that we know. A desirable sort for all purposes. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$4.35.



J.B.R.S.Co.

Will's Improved Blood Turnip

I always use Oscar H. Will's garden seeds. We have also had wonderful corn from your seed. I would not think of using any other garden seeds and expect a garden. My parents used your seeds many years ago always with success.—Mrs. J. C. Johnson, Box 25, Fingal, N. Dak.



Early Wonder Beet

EARLY WONDER or BOSTON CROSBY.

This selection from Crosby's Egyptian is not as early as the Will's Improved. The roots are very uniform and more nearly globe-shaped with very small top and tap root, dark red skin with deep blood-red flesh and very little zoning. A

very popular variety with market gardeners and unexcelled for the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.85.

Swiss Chard

Beisskohl (Ger.)
Bladbede (Scan.)

LUCULLUS. To our mind the best vegetable that can be raised for greens. The crumpled, rich green outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are large and picking a mess of Swiss Chard for greens is short work. The thick broad stems may be cooked like asparagus or used for pickles. This is the most popular sort and gives big returns with little care. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 80c, postpaid.

We had the best stand of beets from your seed we have ever had and your Golden Gem Sweet Corn is unexcelled for canning.—Mrs. B. E. Abbott, Cashmere, Wash.



Swiss Chard Lucullus



Copenhagen Market.

Kraut
(German)

Hoved Kaal
(Scandinavian)

Cabbage

Culture: For early plants sow seed in boxes indoors or in hot bed, allowing 6 to 7 weeks from sowing to setting in the open ground. Some recommend planting the seeds in the field, 3 or 4 seeds to a hill and leaving the strongest plant. One ounce of seed will produce from 1500 to 2000 plants in open ground, 3000 in frames. 4 to 6 ounces of seed is required to produce plants for an acre. About 1,000 seeds in a packet.

Early Varieties

For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.

COPENHAGEN MARKET. This is in our opinion the heaviest yielding and best quality Cabbage that can be grown. A dependable yielder of smooth, round, even sized heads, valuable for either extra early or main crop use. The plant is short stemmed and compact, leaves medium light green, and the heads average about 4 pounds. Our strain is absolutely the best obtainable. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.

EARLY JERSEY WAKEFIELD. A standard widely grown and very popular extra early variety. The conical heads are solid and the small outer leaves permit close planting. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$2.00, postpaid.

I ordered from you for some 35 years. Sure am satisfied.—Joseph Brodina, R. No. 2, Lankin, N. Dak.



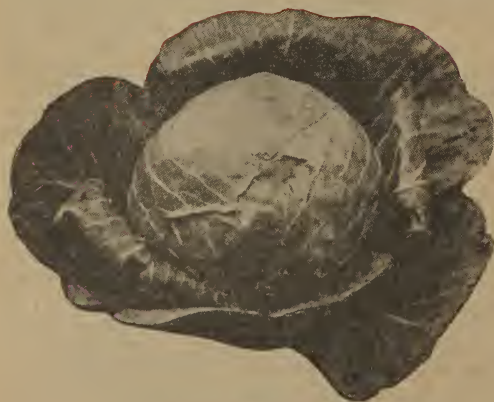
Golden Acre.

WILL'S EARLY JUNE. The earliest flat headed Cabbage, making fair sized, solid and shapely heads within 70 days from seed. The plant is vigorous, stands heat and is particularly desirable for the northwest. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.

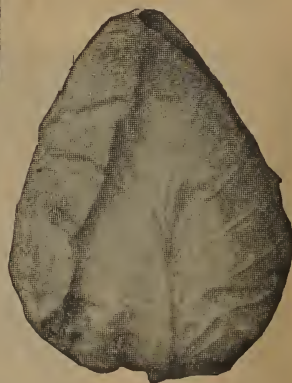
EARLY WINNIGSTADT. Hardy, and the hardest header of any of the early Cabbages, the dark green heads are broad pointed, good keepers and of fine quality. This is a dependable old favorite. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$2.00, postpaid.

This is the 38th year I have bought seeds from you.—Mrs. Gus Anderson, Belfield, N. Dak.

FOR CABBAGE PLANTS, SEE PAGE 56.



Will's Early June.



Early Jersey Wakefield.

More Early CABBAGE

GLORY OF ENKHUIZEN. Attractive globe shaped heads, exceptionally firm and solid, and weighing from 6 to 8 pounds. A good keeper, largely planted for medium early and main crop, and fine for kraut. Pkt., 5c; oz., 20c; ¼ lb., 55c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.



Glory of Enkhuizen

CORNELL EARLY SAVOY-ODORLESS. This is the earliest of the Savoy type with round, medium sized heads whose much crumpled dark green leaves are of distinct and delicate flavor. Developed by Prof. C. H. Meyers and the Cornell University Experiment Station, add to its other good points the fact that it is practically odorless in cooking. Pkt., 10c; oz., 35c; ¼ lb., \$1.10, postpaid.

RED ACRE. This new sort is the earliest red Cabbage, sureheading, large, round and solid, and deep red to the center. Pkt., 10c; oz., 35c; ¼ lb., \$1.10, postpaid.

Chinese Cabbage CHIH LI—SUREHEAD STRAIN.

The earliest and surest heading Chinese Cabbage. The cylindrical heads are from 18 to 20 inches in length, white, solid, sweet and tender. Best results are obtained in this section by planting about June 20th. Well grown heads will weigh from 2½ to 6 pounds. Rapidly increasing in popularity, this vegetable is an excellent salad plant and fine when boiled as you would Cabbage. Pkt., 8c; oz., 20c; ¼ lb., 55c; ½ lb., 95c; 1 lb., \$1.75, postpaid.



Chihli, Chinese Cabbage.

"NEPONSET" WATER-PROOF GREEN PAPER FLOWER-POTS. Just the thing for starting bedding and vegetable plants, etc. They make a fine cut worm guard as the paper is creosoted. Postpaid, 3-inch size, 25c per doz.; \$1.00 per 100; F. O. B. here, 1000, \$8.00.

HARRIS READY-TO-USE LOCKED PLANT BANDS AND POTS. The only really Ready-to-use bands on the market. No locks to put together, no tacks to drive, no folding of corners. They come already folded and set up. BANDS, 2x2x3½ inches, package of 250, \$1.25, postpaid. BANDS, 3x3x3 inches, package of 250, \$1.50, postpaid. POTS, 3x3x3 inches, Package of 250, \$1.75, postpaid.



Danish Ballhead

Later CABBAGE

DANISH BALLHEAD—Short Stem or Hollander. This variety is one of our specialties and the most widely used and finest late Cabbage grown. Very hardy, the deep round, pale blue-green heads weight from 6 to 7 pounds, are crisp, tender and sweet, and of finest quality. This variety is outstanding for its solidity and fine keeping qualities. Pkt., 5c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.



Will's Selected Premium Flat Dutch

WILL'S PREMIUM FLAT DUTCH. The largest of the late varieties, low growing and a sure header, the most popular late flat heading sort. May weigh 10 or 12 lbs. The flattened heads are bluish green in color, solid, of handsome appearance and fine quality. Pkt., 5c; oz., 20c; ¼ lb., 55c; ½ lb., \$1.00; 1 lb., \$1.85, postpaid.

PROTECT YOUR PLANTS. Purchase Will's BUGEX with your seeds. Dust early and often. See Page 75.

My garden last year was a success. Have many Danish Ballhead Cabbage yet, all keeping good, as solid as rocks.—Irene A. Branson, Pine Cress Home, Pioneerville, Idaho.



Coreless Carrot

Carotten
(Ger.)

Healthful CARROTS Tasty

Gulerod
(Scan.)

Culture: Plant $\frac{1}{2}$ inch deep in well prepared soil, cultivate as soon as plants are well established, and thin to 3 or 4 inches apart in the row. Plantings may be made from early spring to the middle of June. 3 to 5 pounds to the acre. About 3,000 seeds in a packet.

CORELESS. The most strikingly handsome early carrot we know. The deep orange roots are exceptionally smooth, cylindrical, 6 inches long by $1\frac{1}{2}$ inches in diameter, and free from woody heart or core. This is worth a trial. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 80c; 1 lb., \$1.40, postpaid.

FRENCH FORCING. The earliest variety, used largely for forcing. The tops are small and the roots almost round and about $2\frac{1}{2}$ inches in diameter, orange-red in color. Pkt., 5c; oz., 13c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.

I'm sure well pleased with your seeds. I had a wonderful crop of carrots out of your seeds this Fall.

Mrs. V. Nicola,
434 11th Ave.,
Havre, Montana



Danvers Half-Long Carrot

DANVERS HALF LONG. The best known second early half long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close texture flesh and little core. Although the roots are

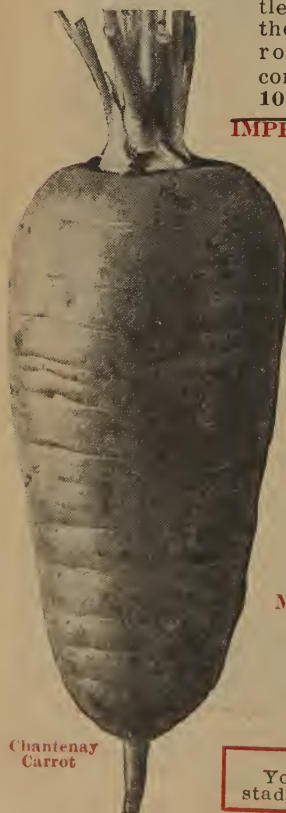
comparatively short, they yield as heavily as the larger sorts. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs. \$3.25.

IMPROVED LONG ORANGE. A standard heavy cropping sort, the orange-red roots grow 10 to 12 inches long, 3 inches thick at the shoulder, tapering to a point, smooth, sweet and fine grained. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 85c, postpaid. Not prepaid, 5 lbs., \$3.50.

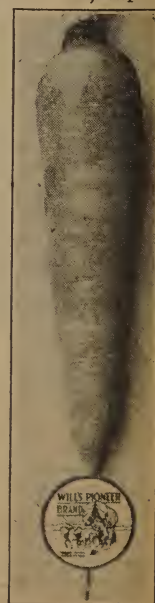
CHANTENAY or MODEL. This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with market gardeners. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$3.25.

IMPERATOR or TENDERSWEET. One of the finest varieties, always sweet, tender and brittle, the roots are from 7 to $8\frac{1}{2}$ inches long, 2 inches in diameter at the shoulder and uniformly tapered to a semi-blunt end. The flesh is rich orange with indistinct core. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 85c, postpaid. Not prepaid, 5 lbs., \$3.50.

MASTODON or SHORT WHITE. A very heavy yielding stock carrot. The pure white roots are about 8 inches long and 3 inches thick at the shoulder, tapering to a point. This is a remarkably efficient feed for all live stock. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$3.25.



Chantenay Carrot

Emperor
or
Tendersweet

You have the best Carrot seed I have ever tried.—Arthur Korstad, Hatton, N. Dak.

CARROTS**OXHEART or GUERANDE.**

One of the most valuable and popular varieties. When fully grown the type is about 5½ inches long, 3½ inches thick at the shoulder and about 2 inches thick at the bottom. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. It is very easily dug or pulled and is probably our heaviest yielding carrot. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$3.25.



Pride of Denmark Carrots

PRIDE OF DENMARK. A very productive and high quality carrot. The nearly coreless, deep orange roots are from 8 to 9 inches long, and nearly the same size throughout their entire length. The flesh is tender and of the finest quality. In our nursery plantings this variety has yielded the most even and best flavored carrots we have grown. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75, postpaid.

I must say that your Pride of Denmark Carrots are the best that we have raised. Never had a sweeter carrot before and had a good crop of them.—Mrs. S. Bronec, Star Rte., Geraldine, Mont.



Oxheart Carrot

Blumenkohl
(Ger.)

Cauliflower

Blomkaal
(Scan.)

One of the Most Profitable Crops for Market and Small Gardeners

CULTURE: Cauliflower culture is practically the same as that of Cabbage. One ounce of seed will produce 1500 to 2500 plants. Allow 6 weeks from time of sowing indoors or in hotbed to setting plants in the field in the latter half of May or early June. Gather and tie tops of leaves loosely together as soon as the heads begin to form. About 240 seeds to the packet. Our pedigreed Danish grown cauliflower seed is the best you can buy anywhere.

QUARTER AND HALF OUNCES AT OUNCE RATE

Danamerica Super Snowball

DANAMERICA SUPER SNOWBALL. This has proven to be our surest header and most uniform Cauliflower. The plants are short stemmed with profuse foliage protecting the heads. The heads are deep, very firm and heavy, and snow white. Under proper growing conditions this sort will yield practically 100% grade 1 heads, and seems adapted to a wider range of conditions than any other Cauliflower. Pkt., 20c; oz., \$2.50; ¼ lb., \$9.00.

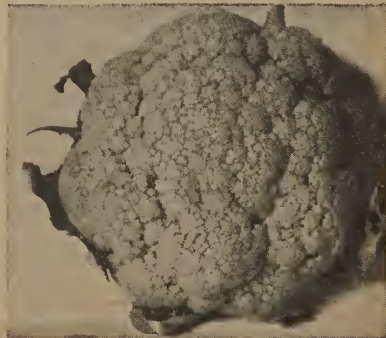
DRY WEATHER or DANISH GIANT. This variety is two weeks later than our strain of Snowball, of heavier growth, with larger heads. It will stand more hot, dry weather than any other sort of its season. Pkt., 10c; oz., \$1.50; ¼ lb., \$5.50.

For Cauliflower Plants, See Page 56.

DANISH PERFECTION. This is not quite as early as our extra early strain of Snowball, maturing a week or ten days later. This sort develops heavier foliage than the Snowball, making better protection for the heads. The heads are very firm, solid, and snow white. This is a sure header. Pkt., 10c; oz., \$1.50; ¼ lb., \$5.50.

LARGE EARLY ERFURT. One of the leading varieties for market and private use. For reliability of heading, size and solidity of head, it is superior. Pkt., 10c; oz., \$2.00; ¼ lb., \$7.00.

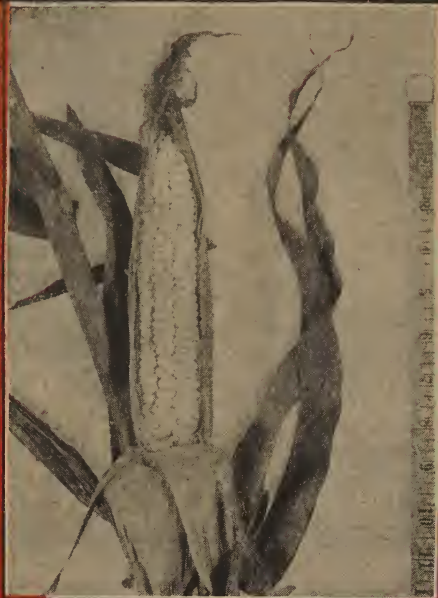
SNOWBALL. This is the earliest Cauliflower we list and has given us exceptional results in our own plantings. The uniform, medium sized heads are very firm, solid and white. Pkt., 10c; oz., \$1.50; ¼ lb., \$5.50.



Snowball Cauliflower

Mais
(Sean.)**EARLIEST
HARDEST
QUALITY**

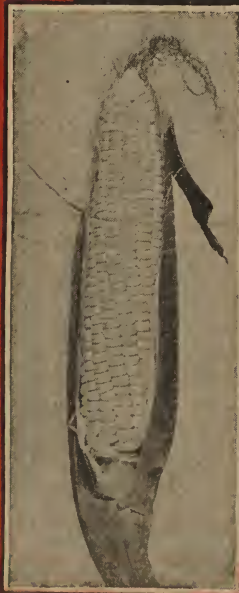
SWEET CORN

**OUR
SPECIALTY**Mais
(Ger.)

GOLDEN GEM

Golden Gem. The Earliest Golden Sweet Corn. Two weeks earlier than Golden Bantam and of Golden Bantam quality. The 8 rowed ears are 6 to 7 inches long, deep yellow and exceptionally sweet. Golden Gem should be in every home garden and is a money maker for the market gardener. Pkt., 5c; ¼ lb., 12c; ½ lb., 20c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.55; 50 lbs., \$7.00; 100 lbs., \$13.00.

SUNSHINE



Sunshine.

Larger and Earlier than Golden Bantam. A week earlier than Golden Bantam, the 12 to 14 rowed, golden yellow ears are 8 in. long, and broad, golden yellow kernels are very sweet and tender. Developed at the North Dakota Experiment Station by Professor A. F. Yeager. A great Corn for the home and market garden. Pkt., 5c; ¼ lb., 11c; ½ lb., 19c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.45; 50 lbs., \$6.50; 100 lbs., \$12.00.

CULTURE: Plant in drills about 3 feet apart, one kernel every 8 inches; or in hills 3 to 3½ feet apart each way, dropping 4 or 5 kernels to a hill. Sweet Corn should not be planted until the ground is fairly warm. One-fourth pound to 100 hills; 8 pounds per acre. One pound of Sweet Corn is a little more than a pint.

Varieties Listed in Order of Earliness

Will's Sweet Corn Collection

This collection is designed to give Corn lovers the longest possible succession of roasting ears.

PICKANINNY
GOLDEN GEM
NUETTA
SUNSHINE

IMPROVED EARLY DAKOTA
GREAT PLAINS GOLDEN BANTAM
WILL'S BANANA CREAM

2 Ounces of Each of the
above

50c

The Price of the
Collection, Postpaid

PICKANINNY. The Earliest Sweet Corn. Developed by a Canadian Experiment Station, the 8 to 10 rowed, very dark blue ears are of good quality. A Wonderful Home Garden Sort. Pkt., 5c; ¼ lb., 13c; ½ lb., 21c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.75; 50 lbs., \$8.00; 100 lbs., \$15.00.

WILL'S EARLY JUNE

WILL'S EARLY JUNE.

(Registered U. S. Patent Office.) The Earliest White Sweet Corn. A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious Sweet Corn. The white, eight rowed ears are from 4½ to 6 inches long. Pkt., 5c; ¼ lb., 11c; ½ lb., 19c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.45; 50 lbs., \$6.50; 100 lbs., \$12.00.



We find your seeds most satisfactory. Your Corn comes earliest and best of any.

Mrs. Lotta I. Pike,
Bridgton, Me.

NUETTA. The Hardest Sweet Corn, and The Most Productive Variety

We Have. The dry seed is red, but when fit for table, the 7 inch long, 8 to 10 rowed ears are a rich golden yellow. Our original seed was obtained from a Mandan Indian 25 years ago. Nuetta yields well under harsh dry conditions, meets the requirements of the mountain country and gives excellent results in the moist climate of the Pacific Coast.

Pkt., 5c; ¼ lb., 11c; ½ lb., 19c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.45; 50 lbs., \$6.50; 100 lbs., \$12.00.

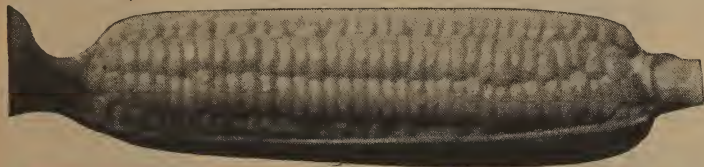


NUETTA

Northern Grown SWEET CORN Is Superior

GREAT PLAINS HYBRID. A heavier yielding, uniform, smut resistant Hybrid Golden Bantam from inbreds produced by the Bureau of Plant Industry, Division of Dry Land Agriculture, Northern Great Plains Station, Mandan, N. Dak. Pkt., 15c; $\frac{1}{4}$ lb., 25c, postpaid.

IMPROVED EARLY DAKOTA. The largest of the extra early sorts, combining size with earliness. The white ears are 12 to 16 rowed, 7 to 8 inches long, borne mostly two to a stalk, very uniform in maturing and of good quality. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 21c; 1 lb., 31c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.65; 50 lbs., \$7.50; 100 lbs., \$14.00.



GREAT PLAINS GOLDEN BANTAM

A recombination of a number of smut-resistant selfed strains. This corn has been developed for earliness, drouth resistance, vigor, smut resistance, short shanks and the characteristic of two ears to a stalk. Our stock seed was obtained from the Bureau of Plant Industry, Northern Great Plains Field Station, Mandan, N. Dak. It is far ahead of any other Golden Bantam we have seen. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 21c; 1 lb., 31c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.65; 50 lbs., \$7.50; 100 lbs., \$14.00.

GOLDEN BANTAM

The best and most popular Sweet Corn. It is the sweetest, most tender and delicious. The 8 rowed ears are 6 to 7 inches long and remain edible for a long time. A heavy producer, our Burleigh County grown strain is superior. Pkt., 5c; $\frac{1}{4}$ lb., 10c; $\frac{1}{2}$ lb., 18c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 70c; 10 lbs., \$1.25; 50 lbs., \$5.50; 100 lbs., \$10.00.

GOLDEN CROSS BANTAM

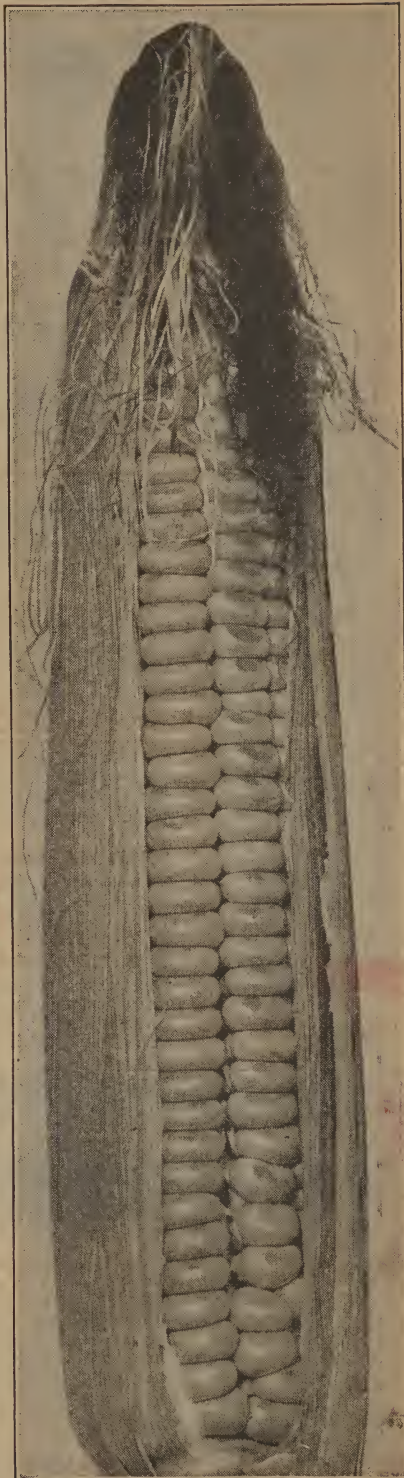
A heavy yielding, large eared hybrid developed at Purdue University in conjunction with the U. S. Department of Agriculture. About a week later than our Golden Bantam with very uniform ears, usually 16 rowed. This is resistant to Stewart's disease or Wilt. For best results the cross must be made each year and customers will do well not to save seed from their crop, but to purchase new seed each year. The increased yield will pay for it. Pkt., 10c; $\frac{1}{4}$ lb., 16c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.35; 10 lbs., \$2.50.

WILL'S BANANA CREAM.

A large eared, later type, stalks 5 to 7 ft. An unusually delicious creamy white Sweet Corn. The ears are 7 to 8 inches long, 12 to 16 rowed, and remain fit for use for a long time. Pkt., 5c; $\frac{1}{4}$ lb., 11c; $\frac{1}{2}$ lb., 19c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.45; 50 lbs., \$6.50; 100 lbs., \$12.00.

STOWELL'S EVERGREEN.

The Standard White Late Sweet Corn. The 8 inch ears are usually 16 rowed, with very sweet, deep, white kernels. Besides its table uses, the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.65; 50 lbs., \$7.50; 100 lbs., \$14.00.



Golden Bantam



Will's Banana Cream

Years ago, on a ranch near Yakima, Wn., my father had your Banana Cream Sweet Corn. I hope it thrives as well and tastes as good here. We are trying Banquet Squash for the memory of Buttercup. If Banquet is better than Buttercup it will have to hustle. Palmer D. Edmunds, La Hogue, Ill.



Earliest of All

Gurken
(Ger.)
Agürk
(Scan.)

Crisp CUCUMBERS

For Pickling and Slicing

As soon as the weather becomes warm and settled, plant one inch deep in well prepared soil in hills 4 or 5 feet apart each way with 8 to 10 seeds to a hill. Thin to 4 or 5 plants to the hill. Thorough but shallow cultivation is essential. One ounce of seed will plant about 80 hills.

EARLIEST WHITE. (See Page 1.) As early as the Extra Early Siberian and a very heavy yielder, the Cucumbers average 7 inches long, initially green, turning white as they mature, crisp and of fine quality. Pkt., 10c; oz., 50c.

EARLIEST OF ALL.

The Earliest Standard Cucumber of Quality. Prolific and desirable, the deep green Cucumbers are 7½ inches long and 2½ inches thick. Of special value to those who wish to be first on the market and a fine home garden sort. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.

ARLINGTON WHITE SPINE.

One of the earliest and most productive of the famous White Spine group. The medium dark green fruits are 8 to 9 inches long and 2½ inches through, rounded at the ends. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.

EARLY CLUSTER. An early, productive pickling type, borne in clusters. The medium green fruits are short and blunt ended. Pkt., 5c; oz., 11c; ¼ lb., 32c; ½ lb., 52c; 1 lb., 95c, postpaid.

IMPROVED LONG GREEN.

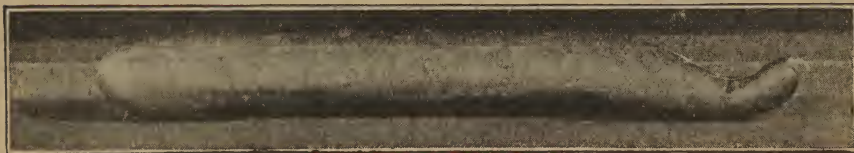
The standard of slicing quality and unexcelled for pickles when small. The rich, dark green fruits average 12 inches long and about 3 inches through, with crisp, firm white flesh. This is one of the most popular sorts. Pkt., 5c; oz., 12c; ¼ lb., 38c; ½ lb., 65c; 1 lb., \$1.15, postpaid.

WHITE WONDER. An ivory white symmetrical Cucumber of fine quality. The fruits are 7 to 8 inches long and 3 inches through, white at all stages of growth. Pkt., 8c; oz., 15c; ¼ lb., 45c; ½ lb., 85c; 1 lb., \$1.50, postpaid.

WEST INDIA GHERKIN. Used exclusively for pickles and distinct from all others. The pale green oval fruits are 2 inches long by 1¼ inches through, small seeded and covered with tender spines. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.60, postpaid.

Arlington White Spine Cucumber

Improved Long Green



Longfellow or China Long

LONGFELLOW or CHINA LONG.

A fine home garden sort, unexcelled for slicing with firm, white and crisp flesh. This high quality Chinese variety is very early and the fruits are commonly 20 inches long. The longest cucumber reported in 1938 was 42¾ inches long. About 90 seeds to the packet. Pkt., 10c; oz., 45c; ¼ lb., \$1.35, postpaid.

EXTRA EARLY SIBERIAN.

The Earliest and Hardest Cucumber.

A heavy yielder and two weeks earlier than any other sort, the Cucumbers are six inches long by 2½ inches through, somewhat russeted when ripe. Of good quality, this sort is fine for small pickles and dills as well as for slicing. Pkt., 10c; oz., 35c.



Extra Early Siberian Cucumber

DAVIS PERFECT.

A dark, glossy green, thick fleshed sort of fine quality. The Cucumbers average 10 inches long by 2½ inches thick, very tender, brittle with relatively few seeds. Pkt., 5c; oz., 11c; ¼ lb., 33c; ½ lb., 55c; 1 lb., \$1.00, postpaid.

Will's Cucumbers

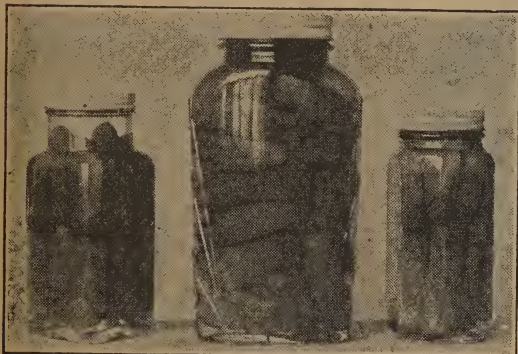
EARLY FORTUNE. The best all around

Cucumber. Extra

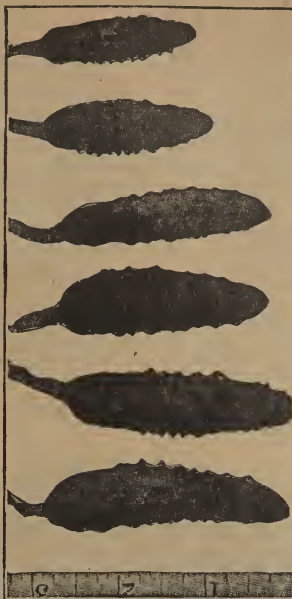
early, rich dark green in color, of perfect quality for slicing, uniform and well shaped for small pickles, it is disease resistant, a tremendous yielder, and retains its color and quality for a long time. The full grown Cucumbers are 8 inches long and 2½ inches through. Pkt., 5c; oz., 11c; ¼ lb., 33c; ½ lb., 60c; 1 lb., \$1.15, postpaid.

STRAIGHT EIGHT. The most desirable slic-

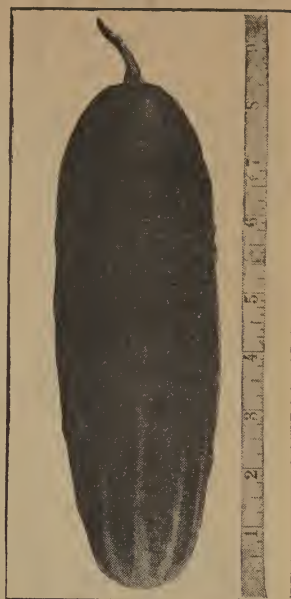
ing Cucumber, an All American Gold Medal Winner and an outstandingly heavy yielder. The uniform and attractive dark green Cucumbers are 8 inches long, straight and smoothly cylindrical, well rounded at both ends and about 2 inches in diameter. This is one of the best sorts and we offer seed grown by the originator. Pkt., 7c; oz., 14c; ¼ lb., 43c; ½ lb., 75c; 1 lb., \$1.40, postpaid.



Chicago Pickling Cucumbers.



Early Fortune
(Pickling Size).

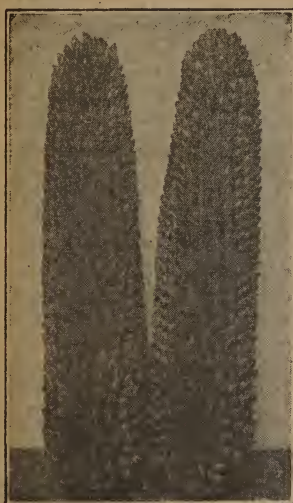


Early Fortune.

CHICAGO PICKLING. Sturdy, vigorous, best adapted to unfavorable

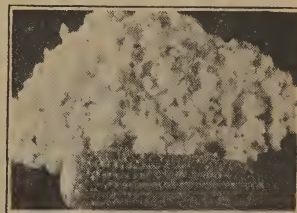
conditions and the most widely grown of all the pickling varieties. It is early and the rich dark green fruits are very uniform. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.

Pop Corn



Iroquois Pop Corn

PINKY. The Best Popper We Know. Developed by Professor A. F. Yeager, this pink Pop Corn is early and a good yielder, pops large, white and tender. In the picture to the right the popped Corn is the product of one ear. Pkt., 5c; ¼ lb., 10c; ½ lb., 19c; 1 lb., 27c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.35; 50 lbs., \$6.00.

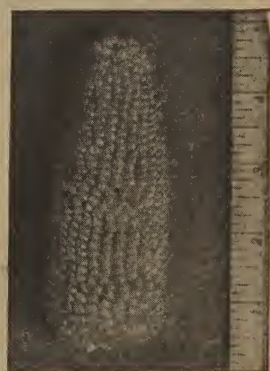


Pinky.

JAPANESE HULLESS. Of wonderful popping quality, this is one of the best sorts. Our North Dakota grown seed is much earlier than ordinary strains. Pkt., 5c; ¼ lb., 10c; ½ lb., 19c; 1 lb., 27c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.35; 50 lbs., \$6.00.

GOLDEN TOM THUMB. This is the very earliest variety of pop corn grown and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but quality is excellent and it never fails. Pkt., 5c; ¼ lb., 12c; ½ lb., 21c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.75; 50 lbs., \$8.00.

IROQUOIS. This variety is of the White Rice type, obtained from the Iroquois Indians of New York some years ago. It is a very good yielder, and much earlier than the ordinary White Rice. Pkt., 5c; ¼ lb., 10c; ½ lb., 19c; 1 lb., 27c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.35; 50 lbs., \$6.00.



Japanese Hulless.

POP CORN FOR POPPING

Not Prepaid, 1 lb., 9c; 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$7.00.

Last year my ripe cucumbers raised from the Extra Early Siberian seed took first prize (State and County) at the Montana State Fair held the first week in August.

MRS. I. E. CLARK, Sun River, Mont.

LETTUCE

Culture: Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering seed not over $\frac{1}{2}$ inch deep. For succession, plant every three weeks. For best head lettuce, start indoors in early spring and transplant outside. One ounce for 200 feet of drill. About 2,000 seeds to the packet.

Kopfsalat
(German)

**HEADING
VARIETIES**

Salat
(Scandinavian)

MIGNONETTE. The Earliest and Surest Heading Sort. Fine for Home Gardens. One of the hardest heading of all Lettuces, the heads are small and solid and the outer leaves are dark green shaded with brown. One of the most delicately flavored and tender of the crisp varieties, its earliness and quality make it one of the very best sorts for the home garden. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.75, postpaid.

**BLACK SEEDED
TENNIS-BALL or
SALAMANDER.**

One of the surest heading sorts under all conditions. The heads are large, round, solid and of fine quality. The outer leaves are a clear medium green, broad and crumpled. Withstanding heat well, this is one of the surest heading sorts for the Northwest. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.



**Improved
Hanson**



**IMPROVED HANSON or
NONPAREIL.**

A very reliable, sure heading variety. The large, solid heads are of fine texture, rich and sweet flavored. The light green outer leaves are much crumpled and frilled. Improved Hanson withstands heat and drouth and is slow to go to seed. We recommend this variety. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 37c; $\frac{1}{2}$ lb., 63c; 1 lb., \$1.15, postpaid.

**CRISP AS ICE or HARTFORD
BRONZE HEAD.** A popular home garden variety, a buttery sureheader of delicate flavor and tender quality. The outer leaves are deep green overlaid with brown. In our trials, the compact, medium sized heads of this sort seem to withstand hot, dry weather better than any other sort. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 38c; $\frac{1}{2}$ lb., 65c; 1 lb., \$1.20, postpaid.



Iceberg

Crisp-As-Ice

MAY KING. A very early heading variety. The outer leaves are light green tinged with brown at the edges. The heads are small, firm and of fine quality, with golden yellow inner leaves. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 38c; $\frac{1}{2}$ lb., 65c; 1 lb., \$1.20, postpaid.

BIG BOSTON. One of the most popular and widely grown sorts. The plants are large, hardy and vigorous. The large heads are bright green, lightly tinged with brown on the outer leaves, very tender and crisp. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.10, postpaid.

PARIS WHITE COS. This is a distinct type of Lettuce with conical, rather tight, dark green head with smooth thick leaves. Blanches to a beautiful white inside, becoming exceedingly crisp and sweet. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.

ICEBERG. A home garden sort. The heads are large, solid, crisp, well blanched and very sweet. The outer leaves are crumpled and blistered with brownish tinge along their borders. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 68c; 1 lb., \$1.25, postpaid.

HERBS: **ANISE.** Used in garnishing and flavoring. Seeds are aromatic. Pkt., 10c; oz., 20c.

CARAWAY. Grown for seeds which are used in flavoring. Pkt., 5c; oz., 15c.

CATNIP. Leaves used for seasoning. Plant this and make your cat happy. Pkt., 10c.

DILL. The stalks and seeds are used for pickling cucumbers. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

HOREHOUND. Used for seasoning and as a cough remedy. Pkt., 10c.

LAVENDER. Its flowers are used in perfumery. Pkt., 10c.

MUSTARD (Large White Seeded). Seed used in flavoring pickles. Pkt., 5c; oz., 10c.

ROSEMARY. Aromatic leaves used for seasoning. Pkt., 10c.

SAGE. The most extensively used herb for seasoning and stuffing. Pkt., 10c; oz., 40c.

SUMMER SAVORY. Leaves and flowers flavor soups and dressings. Pkt., 10c; oz., 20c.

SWEET MARJORAM. Leaves and ends of shoots used for seasoning, both green and dried. Pkt., 10c; oz., 20c.

THYME. A tea made of leaves is a remedy for headache. Pkt., 10c.

WORMWOOD. Beneficial for poultry; should be planted in poultry yards. Pkt., 10c.



Dill



New York Lettuce

More Head Lettuce

NEW YORK or WONDERFUL.

The outstanding heading type—known in all markets. A large, round, solid, heavy heading Lettuce with rich dark green outer leaves. We offer two types:

New York No. 515. The earliest and surest heading. White seeded. Pkt., 8c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.50, postpaid.

Imperial No. 847. Originated by Dr. Jagger of the U. S. Department of Agriculture, it is blight resistant and withstands heat and tip burn. Black seeded. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; 1 lb., \$2.00, postpaid.

CURLED or LOOSE HEAD VARIETIES

EARLY CURLED SIMPSON—WHITE SEEDED.

Early, Hardy, and Dependable, probably our best Leaf Lettuce. The plants are large, but compact. The broad leaves are light green, much crumpled and frilled, crisp, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., \$1.00, postpaid.



Prizehead



Early Curled Simpson

GRAND RAPIDS. Very tender, and fine for early planting. The crisp, curled leaves are light green, blistered and crumpled, with heavily fringed borders. Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 55c; 1 lb., \$1.00, postpaid.

PRIZEHEAD. An easily grown variety and fine for the home garden. Early, compact in growth and stands heat. The leaves are much crumpled and frilled, bright green tinged with brownish red, and very crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., \$1.00, postpaid.

BLACK SEEDED SIMPSON. A popular, quick growing, large crisp sort. The light, yellowish green leaves are frilled and crumpled, of excellent quality. Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 55c; 1 lb., \$1.00, postpaid.

We have purchased from you for the past eight years and are more than satisfied. Won prizes on your Golden Gleam Nasturtiums and Sweet Peas. They were the talk of all our friends. Such quantities, beauty, fragrance and long blooming season. The Glads were lovely, too.

L. A. DIESTLER, 308 34th St., No. Great Falls, Montana.



Black Seeded Simpson

Pfeffer (German)

Your Choice
of Hot or Sweet

Peppers

Spansk Peber (Scandinavian)

Culture: Sow seed indoors or in hotbed in March, transplanting before setting in the garden the last of May. Set in rows about 2½ feet apart and about 18 inches apart in the row. About 200 seeds to the packet. Our Pepper Seed is treated to promote germination and prevent seed borne diseases.



Harris Early Giant

KING OF THE NORTH. An early heavy yielding, very large pepper, 6 inches long and 4 inches across, but little later than Harris Early Giant. The dark green skin turns to rich red when ripe and the flesh is medium thick, firm and mild. Pkt., 10c; ½ oz., 30c; oz., 50c.

HARRIS EARLIEST. The Earliest Pepper, will produce an abundance of Peppers even in an unfavorable season. The plants are compact with fruits averaging 3 inches long and 2½ inches through, bright green and turning red when ripe. The flesh is thick and mild. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.



Harris' Earliest

HARRIS EARLY GIANT. The Earliest Large Sweet Pepper. The plants are vigorous and very productive. The Peppers average 4½ inches long and 3½ inches through, dark green, turning to brilliant red. The flesh is thick, meaty and mild. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20, postpaid.

TOMATO-SQUASH or SUNNYBROOK. The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. Can be used in every way as a Pimiento Pepper. Pkt., 10c; oz., 50c.

RUBY KING. One of the most dependable and satisfactory mild varieties for both home and market gardens. Pkt., 10c; oz., 30c.

RED CAYENNE. Long, red, hot. Pkt., 10c; oz., 35c.

Pepper and Celery
PLANTS
On Page 56

Culture: For early planting, sow indoors in February or March. One eighth inch of soil to cover seed is sufficient. Transplant indoors and set outside in late May, in rows 3 feet apart and 6 inches apart in the row. Celery requires enough water at all times so that its growth is not checked. Soil or boards may be used to blanch the stalks.

Celery

Sellerie

Selleri

(German)

(Scandinavian)

GOLDEN PLUME or WONDERFUL.

The Best of the Self Blanching Sorts, early, large and vigorous. The plants are sturdy and compact, resistant to blight and rust, with heavy stalks and full hearts of excellent quality, blanching readily. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.30, postpaid.

UTAH or SALT LAKE. The best green Celery. Large, broad stalks with well developed heart, a good keeper, of fine nutty flavor. Largely used when green, but blanches quicker than most green sorts to a crisp pure white. Pkt., 10c; oz., 35c; ¼ lb., \$1.20, postpaid.

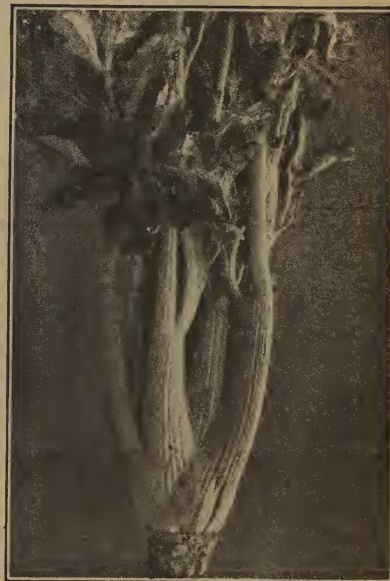
GOLDEN SELF BLANCHING. Dwarf Strain. Very popular because of earliness and ease of blanching. The stalks are thick, solid and sweet, blanching to a golden yellow. This is a fine home garden variety. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20, postpaid.



Celeriac or Turnip-Rooted Celery.

WINTER QUEEN. A very solid and crisp variety with double the amount of heart of any known celery. One of the very best keeping varieties. Pkt., 5c; oz., 25c; ¼ lb., 75c, postpaid.

GIANT PASCAL. A compact, vigorous sort, a good keeper and one of the best varieties for Fall and Winter. Pkt., 8c; oz., 25c; ¼ lb., 75c, postpaid.



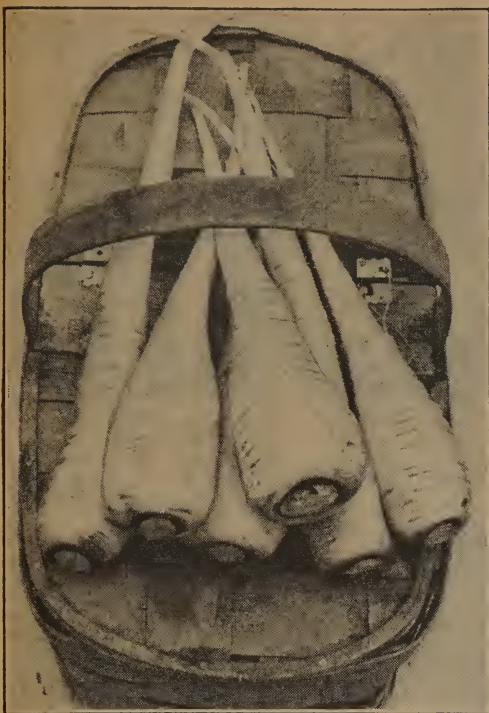
Golden Plume

CELERIAC OR TURNIP-ROOTED CELERY — GIANT**PRAGUE.**

This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 8c; oz., 22c; ¼ lb., 60c, postpaid.

Last year I had five acres of the Black Beauty and Dwarf Eggplant. They were all uniform in size and they sold rapidly. I took them to the Buffalo market about one hundred bushels, every other day, and they sold very fast.

FRANK COOK, Brockport, N. Y.



Improved Guernsey Parsnip

Pastinake
(German)**PARSNIPS**Pastinak
(Scandinavian)

Culture. Sow as early in spring as possible, in rows not less than 18 inches apart and about $\frac{1}{2}$ inch deep. The ground should be deeply plowed and well cultivated. Thin to 4 inches apart in the row as soon as the plants are well started. A freeze improves the quality of the roots. About 1200 seeds to the packet. One ounce for 200 feet of drill; 4 to 5 pounds per acre.

SHORT THICK. The earliest Parsnip. Three inches thick at the shoulder and from 6 to 8 inches long, this fine quality sort is nearly a month earlier than any larger variety. Pkt., 8c; oz., 12c; $\frac{1}{4}$ lb., 32c; $\frac{1}{2}$ lb., 59c; lb., \$1.00, postpaid.

IMPROVED GUERNSEY. The best for general cultivation and a heavy yielder. About 3 inches thick at the shoulder and from 12 to 15 inches long, the smooth roots are fine grained, tender and sugary. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 24c; $\frac{1}{2}$ lb., 40c; lb., 70c, postpaid.

Melonen-Kürbiss
(German)**PUMPKINS**Graeskar
(Scandinavian)

Culture. Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. About 40 seeds to the packet. One ounce to 30 hills; 3 to 4 pounds per acre.

CHEYENNE. A very early, small, orange Pumpkin developed at the U. S. Great Plains Field Station, U. S. Department of Agriculture, at Cheyenne, Wyoming. Thick meated, solid and uniform, of highest quality. Pkt., 10c; oz., 25c.

CONNECTICUT FIELD or BIG TOM. A solid, oblong, orange Pumpkin more planted with corn than any other variety and a heavy yielder. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 22c; $\frac{1}{2}$ lb., 35c; lb., 60c, postpaid.

SWEET SUGAR or NEW ENGLAND

PIE. The Best Pie Pumpkin, earliest and best of the standard sorts and by far the sweetest. The pumpkins are round, slightly flattened, weighing 6 to 8 pounds apiece. The skin is a deep orange and the orange yellow flesh is thick, dry, fine grained and sweet. This is a very good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 24c; $\frac{1}{2}$ lb., 40c; 1 lb., 70c, postpaid.

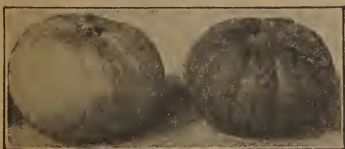
KING OF MAMMOTHS. The giant among Pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 65c; lb., \$1.10, postpaid.

OMAHA. A very early, oblong, orange, thick meated sort. This is a selection from seed obtained through Dr. Melvin Gilmore from the

O m a h a
I n d i a n s .

Of fair quality, its earliness is its outstanding characteristic and fits it for areas where Pumpkins could not otherwise be grown. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c, postpaid.

FORT BERTHOLD. The earliest Pumpkin, small, flattened and of good quality. Developed from seed obtained from the Mandan and Arikara Indians, it is very hardy. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c, postpaid.

Sweet Sugar
Pumpkin.

Fort Berthold.

Melone
(Ger.)

Early MUSKMELONS Hardy

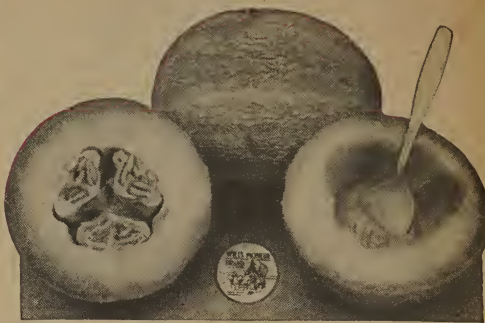
Melon
(Scan.)

Culture. When the ground has become warm, plant in hills about 5 feet apart each way, 8 to 12 seeds to the hill. When danger of insects is past, thin to 3 or 4 plants to the hill. Cultivate thoroughly throughout the season, not to exceed 2 inches deep. One ounce of seed to 75 hills; 2 to 3 pounds to the acre. About 125 seeds to the packet.

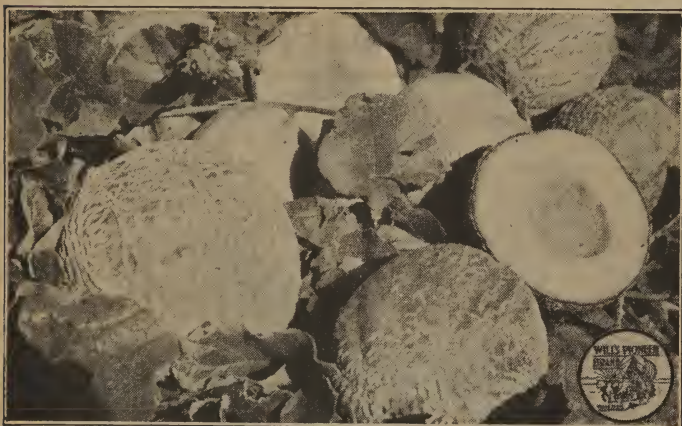
ORO BLANCO. See inside front cover. At last a Persian Melon or Casaba that will mature in the North. From 5 to 7 inches in diameter with golden skin, the white fleshed melons are delicious when dead ripe. Pkt., 20c; $\frac{1}{2}$ oz., 75c.

EXTRA EARLY OSAGE.

One of the earliest salmon-fleshed varieties of quality and one of the best sorts grown. The oval fruit is dark green, slightly ribbed and gray netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick, juicy and sweet, of very high quality. A grand sort for northwestern conditions; ideal for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 11c; $\frac{1}{4}$ lb., 28c; $\frac{1}{2}$ lb., 48c; 1 lb., 90c, postpaid.



Extra Early Osage



Sugar Rock or Honey Rock

SUGAR ROCK or HONEY

ROCK.

This is one of the most delicious melons and very productive. The medium-sized, round, heavily netted Melons are of uniformly fine quality with very thick, sweet, orange flesh. The most profitable market variety.

DAKOTA STRAIN. Our own selection of this fine Melon a week to ten days earlier than the standard with equal yield and quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.75, postpaid.

STANDARD STOCK. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 95c, postpaid.

EXTRA EARLY KNIGHT.

The best green fleshed Muskmelon, medium sized, oval, distinctly ribbed and well netted. The flesh is fairly thick, juicy and very sweet, a medium green blending to a light pink near the center. We consider this productive sort one of the best for the Northwest. Pkt., 5c; oz., 11c; $\frac{1}{4}$ lb., 28c; $\frac{1}{2}$ lb., 48c; 1 lb., 90c, postpaid.

EMERALD GEM. An extremely early sort. The fruit is a rich emerald-green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, sweet and luscious. The vines are hardy and very prolific. One of the best Melons for home garden and local market. Pkt., 5c; oz., 11c; $\frac{1}{4}$ lb., 28c; $\frac{1}{2}$ lb., 48c; 1 lb., 90c, postpaid.

EARLY TYE. A very early melon of superior quality, oval, medium sized, ribbed and somewhat netted, the orange flesh is thick and of good quality. A good hardy and prolific home garden melon for the Northwest. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 85c; 1 lb., \$1.50, postpaid.



Extra Early Knight

VINE PEACH (Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange, and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c, postpaid.

I planted some of your All Red Tomatoes last year and was very pleased with them especially their self pruning qualities. I also had good success with your Zephyr and Champlain (Chipman's strain) muskmelons and I live 258 miles north of the International boundary.

B. C. LAYMAN, Speers, Sask., Canada.

MUSKMELONS

LAKE CHAMPLAIN or GOLD- EN CHAMPLAIN.

A very early variety, medium sized, round, heavily netted and moderately ribbed, with thick spicy orange flesh. A heavy yielding quality melon for home and market garden.

CHIPMAN'S STRAIN. Ten days earlier than the standard Lake Champlain and the earliest melon of good quality; developed by the late George F. Chipman, for many years editor of the Country Guide of Winnipeg, Canada. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.75, postpaid.

STANDARD STOCK. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 95c, postpaid.

HALE'S BEST. The Earliest and Best of the Rockyford Type. The medium sized, nearly round melons are heavily netted. The deep orange flesh is very thick and of rich flavor. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 95c, postpaid.



Zephyr

ZEPHYR. An Early and Heavy Yielding Oval Orange Fleshed Melon developed by Dr. A. F. Yeager at the North Dakota Experiment Station. It is a bit variable in type, but a very heavy yielder. Five tons of this melon, all ripened before September first, were picked from a third of an acre at the Experiment Station. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c, postpaid.

Petersilie
(Ger.)

Parsley

Persille
(Scan.)

CULTURE. Soak the seed a few hours in lukewarm water and sow early in spring in drills at least one foot apart, covering the seed not more than one-half inch. It is rather slow to germinate. About 2,000 seeds to the packet.

PARAMOUNT. A very uniform variety with very tightly and finely curled leaves of unusually rich dark green. This is an outstanding sort. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 33c; lb., \$1.00, postpaid.

CHAMPION MOSS CURLED. Leaves beautifully curled, mosslike, of the richest green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c, postpaid.

TURNIP ROOTED. The roots, instead of the tops, are used for soups and flavoring meats; gives richer flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c, postpaid.



Moss
Curled
Parsley

Rhubarber
(Ger.)

Rhubarb or Pieplant

Rhubarber
(Scan.)

MONARCH. Ours is a good strain of long service and a standard sort. The leaf stalks are numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. About 250 seeds to packet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

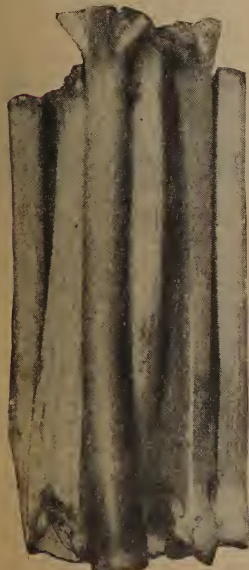
Rhubarb Roots

CANADA RED. The best Rhubarb. See inside front cover for picture. Each, \$1.60, postpaid. Not prepaid, \$1.50.

MCDONALD. For picture and more complete description see Page 69. Very large, practically without seed stalks. Each, 40c; doz., \$4.00; postpaid, each, 45c; doz., \$4.50.

RUBY. Smaller stalks than McDonald, makes most delicious ruby red sauce. Each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

STANDARD. A prolific strain of the old greenish fleshed sort. Doz., \$1.00; postpaid, doz., \$1.20.



Rhubarb

Wasser-Melone
(Ger.)

Will's Early WATERMELONS

Vandmelon
(Scan.)

CULTURE. When the ground has become warm, plant in hills 8 or 10 feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. One ounce of seed for 30 hills; 3 to 5 pounds per acre. About 100 seeds to the packet.

WILL'S SUGAR.

One of the sweetest and earliest melons, hardy, heavy yielding, and of very fine quality. This pioneer variety was introduced by us in 1888, and remains a favorite. The Melons are round, weigh from 6 to 10 pounds, are medium green, striped with dark green. The bright red flesh and small black seeds make a pleasing contrast. The watermelon for the Northwest. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid.



Field View of Will's Sugar Watermelons

FAVORITE HONEY. Very early, productive, yellow fleshed sort from Japan and a standout in the trials of the North Dakota Experiment Station. This oval Melon is the sweetest we have ever tasted. Pkt., 10c; oz., 25c.

KLONDIKE. An early, high quality Melon. The skin is dark green, and the bright deep red flesh has no equal in eating qualities. The Melons weigh from 20 to 25 pounds. Pkt., 8c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; 1 lb., \$1.35, postpaid.



Cole's Early

raising ripe Watermelons, try this one. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid.

COLE'S EARLY.

One of the earliest and best, hardy, vigorous and a sure cropper. The blocky, oval Melons are medium sized with alternate dark and lighter green stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best sorts for northern gardens. Pkt., 5c; oz., 10c; ¼ lb., 23c; ½ lb., 40c; 1 lb., 70c, postpaid.

Your Sugar Watermelons are the only ones we can grow in our plot of soil. They are fine.

Miss Grace Arnett,
Hillsboro, Ohio.

ARIKARA. The Earliest Watermelon. A sure and prolific producer of small Melons running from 7 to 12 inches in diameter with almost black skin. The pink flesh is sweet and pleasant, somewhat coarse and of fair quality. If you have trouble

RED RUSSIAN-EARLY KANSAS or RED HUTCHINSON. A large, nearly round, early melon weighing up to 40 pounds. The skin is dark green with lighter striping, and the bright scarlet flesh is delicious. Pkt., 8c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; 1 lb., \$1.35, postpaid.

WINTER QUEEN.

A high quality, heavy yielder of medium sized, round white skinned Melons with clear bright red flesh and black seeds. Fine at maturity, if stored in a cool, dry place will keep until Christmas. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 80c, postpaid.



Winter Queen

KLECKLEY SWEET or MONTE CRISTO. One of the sweetest Watermelons, medium early, cylindrical, and tapering slightly toward the stem end, the Melons weigh up to 40 pounds. The skin is a very dark green and the rind is thin and tender. The flesh is bright red, crisp and very sweet. Pkt., 5c; oz., 10c; ¼ lb., 23c; ½ lb., 40c; 1 lb., 70c, postpaid.

CITRON. (Red Seeded.) A round, handsome fruit of small size, with white, solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 75c, postpaid.



Kleckley Sweets

WATERMELON

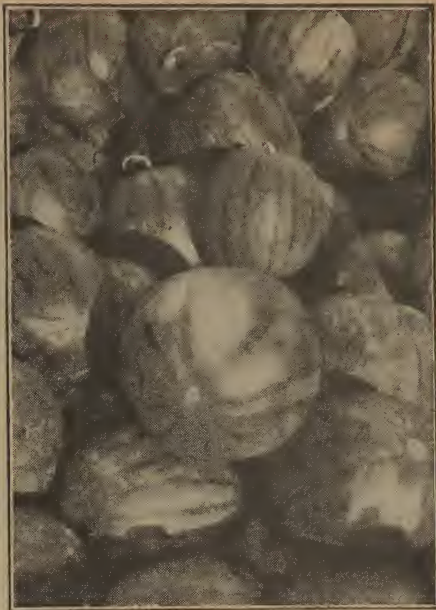
DAKOTA SWEET

Early—Hardy—Fine Quality

If there is any better melon for the Northwest, we haven't seen it. Of Russian origin, its outstanding qualities caught the eyes of Professor A. F. Yeager. Though similar to Northern Sweet, we regard it as much superior. The melons weigh from 9 to 14 pounds; the thin rind is medium green with darker stripes; and the flesh is bright red, crisp and very sweet. A heavy cropper and very early, ripening in 9 to 10 weeks. Melons should be picked as soon as ripe. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid.



Dakota Sweet Watermelon



Looking down on a 3 ton truckload of Dakota Sweets from our nursery

Received the seed O. K. and will say it is the very best seed I have ever used and I have used a lot—every seed seems to grow.

THOS. H. WHITE,
Box 45, Fairbanks, Alaska.

ONION SETS

A planting of sets for green onions, delicious early boilers or fine bulbs for winter should be in every garden. We grow our own Bottom Onion Sets at Bismarck. One pound to 35 feet of row. Unless otherwise instructed, we shall hold Onion Sets until danger of freezing in transit is past. A bushel of Onion Sets is 32 lbs., except with Top Sets, which are 28 lbs. to the bushel. Price, peck and over, subject to change.

EBENEZER YELLOW BOTTOM ONION SETS. Fine for green Onions, these are surer to form large Onions than any other sets. The quality is superior and the yield is larger. 1 lb., 23c; 4 lbs., 62c, postpaid. Not prepaid, peck, 85c; ½ bu., \$1.50; bu., \$2.75.

WHITE BOTTOM SETS. Milder than the yellow or red sorts and preferred by some on account of their color. 1 lb., 23c; 4 lbs., 62c, postpaid. Not prepaid, peck, 85c; ½ bu., \$1.50; bu., \$2.75.

RED BOTTOM SETS. Fine, well cured sets. 1 lb., 22c; 4 lbs., 60c, postpaid. Not prepaid, peck, 80c; ½ bu., \$1.45; bu., \$2.60.

TOP or WINTER ONION SETS. Perennial. Live in the ground all winter and start very early in the spring. 28 lbs. to the bushel. 1 lb., 30c, postpaid. Not prepaid, peck (7 lbs.), \$1.35; bu., \$5.00.

MULTIPLIER ONIONS. Also called Bunch Onions or Potato Onions, and very mild. Excellent for early spring Onions. 1 lb., 23c, postpaid. Not prepaid, peck, \$1.20; bu., \$4.25.



White Bottom Sets

GARLIC

BAVARIAN. Lb., 36c; 5 lbs., \$1.40, postpaid.



BERMUDA ONION PLANTS

Seed is sown early in the South and lifted to produce Onions of Bermuda quality in northern gardens. We include cultural directions with each purchase. We can furnish Sweet Spanish, Yellow Bermuda and White Bermuda (Crystal Wax) plants. Sweet Spanish does best here and we shall ship that variety unless otherwise instructed. Package of 85 to 125 plants, 25c; 500 plants, 80c; 1,000 plants, \$1.40, postpaid. Crate of 6,000 plants, not prepaid, \$5.00.

Zwiebel
(Ger.)

WILL'S PIONEER BRAND ONION SEED

Roedloeg
(Scan.)

Culture: Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering $\frac{1}{2}$ inch deep. One ounce for 300 feet of row, 4 to 5 pounds to the acre. About 750 seeds to the packet.



Montana White Portugal or Silverskin

SOUTHPORT WHITE GLOBE. This attractive, pure white, thin-skinned globe Onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained and of mild flavor. Pkt., 10c; oz., 24c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.00, postpaid. Not prepaid, 5 lbs., \$8.75.

WELSH WINTER (Perennial). Plant this variety to get the earliest green onions. Seed may be sown either in Spring or Fall. This variety does not make large bulbs but is used only for green onions. The plants are perennial, live in the ground for years, and are absolutely hardy. This is a money-maker for the market gardener. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.00, postpaid.

SOUTHPORT RED GLOBE. The finest type and most popular of the red Onions. Our thin neck strain ripens down to a glossy, purplish red ball. The white flesh is tinged with pink. It is productive, a sure ripener and a good keeper. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.



Sweet Spanish Onions Grown From Seed by Charles L. Benzl, Washburn, N. Dak.

MONTANA WHITE PORTUGAL or SILVERSKIN.

The All Around Onion. The most widely used and best keeping white Onion. Medium sized, flat, hard and fine grained Onion of mild flavor and clear white skin. It is popular for sets, picklers, green bunching and for fall and early winter use. We plant this seed for our white Onion Sets. Our seed has been grown for us by the same Montana grower for many years and is of exceptionally high germination and purity. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.85, postpaid. Not prepaid, 5 lbs., \$8.00.



Red Wethersfield

RED WETHERSFIELD. One of the oldest and best strains, a sure and heavy yielder. It is early, yet a splendid keeper. The bulbs are large, flat and a deep purplish red. The flesh is pinkish white and fairly mild. It is a favorite on poor or dry soils. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.

SWEET SPANISH or VALENCIA-UTAH STRAIN.

Earlier, milder and a much better keeper, this is a decided improvement over the Riverside Strain. One of the largest and finest of Onions, nearly globular, with golden yellow skin and white flesh, it is especially prized for its mildness and delicacy of flavor. Pkt., 10c; oz., 24c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.00, postpaid. Not prepaid, 5 lbs., \$8.75.

AUSTRALIAN BROWN. Very early and a wonderful keeper. A heavy yielder and a sure cropper, the Onions are of medium size, slightly flattened, with reddish brown skin and crisp, white flesh. The flavor is rather strong. This is a desirable home garden variety. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$6.75.

WILL'S ONION SEED

WILL'S DAKOTA GLOBE.

The Money Making Onion. We believe this to be the best strain of Southport Yellow Globe, the most popular and most largely grown yellow Onion. It is early, productive, uniform in its rich yellow color, small necked and an exceptionally fine keeper. The creamy white flesh is fine grained, crisp, fairly mild and of excellent flavor. One of the best sorts for the Northwest. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.

SWEET BERMUDA. A medium sized Onion, flat, very early and in no sense a keeper. The skin is a light straw color and the white, crisp flesh is very mild and sweet. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.35; 1 lb., \$2.50, postpaid. Not prepaid, 5 lbs., \$11.25.

MOUNTAIN DANVERS.

A very early strain of Yellow Globe, not quite as large and a bit more flat than Yellow Globe Danvers, but two weeks earlier and a remarkable keeper. The white flesh is fine grained, sweet and mild. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$1.85, postpaid. Not prepaid, 5 lbs., \$8.00.

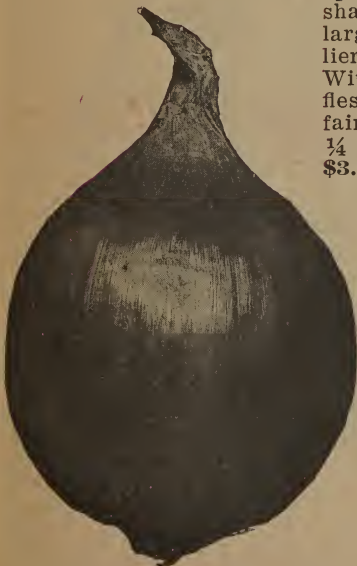


Prizetaker

EARLY GRANO. The earliest Sweet Spanish type Onion. A slightly top shaped globe Onion, not quite as large, but at least two weeks earlier than Riverside Sweet Spanish. With straw colored skin and white flesh, it is mild, very sweet and a fair keeper. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00, postpaid. Not prepaid, 5 lbs., \$13.75.

YELLOW GLOBE DANVERS.

This is a standard variety for winter use in all markets. Its skin is a rich orange-yellow; the flesh is pure white, crisp and mild in flavor. It is a dependably heavy yielder and because of its small neck cures well and makes splendid storage stock. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.



Yellow Globe Danvers



Will's Dakota Globe

PRIZETAKER.

One of the largest Onions, globe-shaped, and very mild. The thin skin is a bright straw yellow and the flesh pure white and tender. Our strain is the earliest of this variety, productive, and keeps well into the winter. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$6.75.

NEW QUEEN. This is a small, rapid growing, mild and sweet small white onion used extensively for pickling and the table. Pkt., 10c; oz., 24c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.00, postpaid.



William Cordes of Douglas holding onions grown from Will's plants. Onions on ground are Sweet Spanish from seed.

Erbsen
(Ger.)

Will's Choicest Garden Peas

Erter
(Scan.)

Culture: Sow early in spring in rows not less than 20 in. apart, covering $1\frac{1}{2}$ to 2 inches deep. The smooth seeded sort, of which we list First of All and Alaska, will stand earlier seeding than the wrinkled seeded varieties. One pound will sow 100 feet of row. Inoculate all legumes with Nitragin—see Page 77.

EARLY VARIETIES—NOT DWARF

ALASKA. This standard hardy and early variety is much used for canning and home gardening. The vines grow 30 inches tall. The light green pods are $2\frac{1}{2}$ inches long, square ended and contain from 5 to 8 Peas to the pod. $\frac{1}{4}$ lb., 10c; $\frac{1}{2}$ lb., 17c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.50; 20 lbs., \$2.80; 100 lbs., \$13.00.

FIRST OF ALL or EARLY JUNE. This is the largest podded of the extra early varieties and a most profitable market sort. The semi-smooth seed may be sown 2 weeks earlier than the wrinkled seeded sorts. The vines grow from 30 to 36 inches high. The deep green pods are square ended and 4 inches long, containing 7 Peas to the pod. This is a very heavy and even cropper. $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.

First of All

Early Dwarf or Bush Peas

AMERICAN WONDER or NOTT'S EXCELSIOR.

The earliest of the dwarf wrinkled varieties. The vines are about a foot high and very prolific. The pods are light green, blunt, about 3 inches long and contain 6 to 7 medium sized Peas. A very popular and profitable home garden sort. $\frac{1}{4}$ lb., 10c; $\frac{1}{2}$ lb., 17c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 83c; 10 lbs., \$1.55; 20 lbs., \$2.90; 100 lbs., \$13.50.

LITTLE MARVEL.

One of the earliest of the wrinkled seeded sorts and one of the best and most satisfactory for the home garden because of its exceptional quality and yield. Remains in prime picking condition a week longer than most sorts. The vines are 18 inches high. The dark green, blunt ended 3 inch pods contain from 7 to 8 dark green peas, very tender and sweet. $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.00.

HUNDREDFOLD or BLUE BANTAM. One of the best of the Laxtonian type. The vines are from 18 to 20 inches tall, sturdy and very productive. The dark green pods are 4 inches long and contain 8 large, dark green Peas of very good quality. $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., \$1.03; 10 lbs., \$1.95; 20 lbs., \$3.70; 100 lbs., \$17.00.

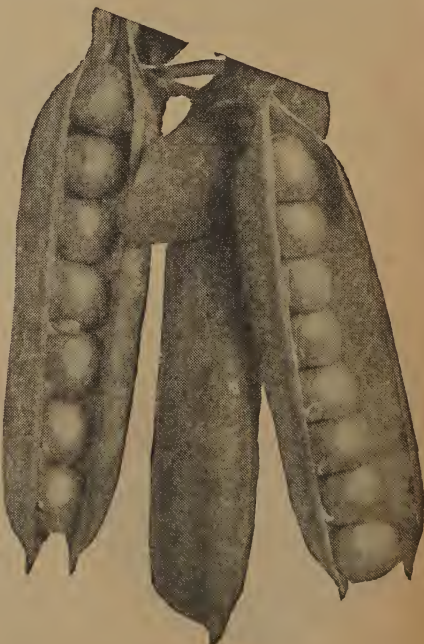
1908 I used your first seeds and ever since with absolute success.—H. Williams, Reserve, Montana.



World's Record

WORLD'S RECORD or IMPROVED GRADUS.

This is one of the earliest of the wrinkled seeded, large-podded varieties. The vines are from 2 to $2\frac{1}{2}$ feet tall, produce abundantly and bear throughout the season. The pods are 4 inches long, containing from 7 to 9 large deep green Peas. It is the market gardener's favorite. $\frac{1}{4}$ lb., 11c; $\frac{1}{2}$ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.50.



Little Marvel

DWARF PEAS—Continued

LAXTON'S PROGRESS

The largest podded and most attractive of the early dwarf varieties. The vines are 16 to 18 inches high; the handsome dark green pods are 4 to 4½ inches long, with 7 to 9 extra large peas of superior quality to the pod. This productive sort should be in every home and market garden. ¼ lb., 12c; ½ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.00.

McLEAN'S LITTLE GEM or PREMIUM GEM

An early dwarf Pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of medium green, plump, blunt ended pods 2¾ inches long, with 6 to 7 Peas to the pod. This is an old tried and proven favorite. ¼ lb., 10c; ½ lb., 17c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.50; 20 lbs., \$2.80; 100 lbs., \$13.00.



McLean's Little Gem



Laxton's Progress

MAIN CROP VARIETIES

BLISS EVERBEARING. Prolific and bearing over a very long period. It grows to a height of 2½ feet. The medium green pods are plump and blunt ended and contain from 6 to 8 large sweet Peas. A justly popular home garden variety. ¼ lb., 12c; ½ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.00.

ALDERMAN. The best tall variety and the pick of the Telephone type. The vines are about 4 feet tall; the pods are from 4½ to 5½ inches long, carrying 8 to 10 very large Peas to the pod. This is the standard of high quality and an abundant yielder. ¼ lb., 12c; ½ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.50.

LINCOLN. Known in Canada as Homesteader. A very productive Pea of fine quality recommended for mid-season by the North Dakota Experiment Station. The vines grow 2 feet tall. The pods run from 3¼ to 3¾ inches long, containing from 6 to 8 medium green Peas of fine quality. One of the best yielders. ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 20 lbs., \$4.20; 100 lbs., \$20.00.

DWARF GRAY SUGAR

Height 2 feet. The pods are 3 inches long, curved and blunt, plump and fleshy. This sort is moderately early and very prolific. The pods are picked when the Peas are forming and are delicious when cooked as are string beans. ¼ lb., 12c; ½ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80.



Bliss Everbearing

INCREASE YOUR YIELD OF PEAS BY USING AN INOCULANT



Garden Size, will treat up to 6 lbs.
Price postpaid.
See page 77.

10c

Radies
(German)

Will's Northern Grown RADISH SEED

Reddik
(Scan.)



Will's Early Carmine

Culture. For early use the seed may be sown in hotbed. For open ground culture, sow in the Spring as soon as the ground can be worked, in drills 10 to 12 inches apart. Sow every two weeks for a succession. About 600 seeds to the packet.

WILL'S EARLY CARMINE. Our old reliable extra early sort which has so

long been the favorite throughout the Northwest. A

bright carmine in color, almost round in shape, very early, mild and lasts well for an early sort; crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 48c; lb., 80c, postpaid.

SAXA—The Earliest Radish. The round, bright scarlet roots are ready for the table 20 days after sowing. The tops are small and the quality high. We have a fine stock of this variety. Pkt., 5c; oz., 11c; ¼ lb., 33c; ½ lb., 50c; lb., 85c, postpaid.

I find no radish seed for sale here to come up to Saxa for quick growth, or mild crispness of German Butter. Mrs. Frank Bradshaw, Milner, Idaho



Saxa

GERMAN GIANT BUTTER—The Best Round Scarlet Radish.

Largest of the early Radishes, it will reach a weight of 3 ½ ounces without becoming pithy. It retains its crispness and mild flavor longer than any other sort in our trials. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$2.00, postpaid.



German Giant Butter

CRIMSON GIANT GLOBE. An extremely

large, globe shaped, deep crimson Radish of superior quality, and standing very long before becoming pithy. The

white flesh is solid, crisp and mild. One of the best sorts for outdoor culture. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 48c; lb., 80c, postpaid.

WHITE STRASBURG. One of the best large, white late Summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 85c, postpaid.



Model Box

I sowed your Radish seed this spring and raised Radishes 2 ¼ in. through. They were Crimson Giant. I also had good luck with Saxa. Walter Skinner, 1032 Sixth Street, Redlands, California.

MODEL BOX. This popular turnip shaped Radish is the earliest white sort and ready for table in 25 days from sowing. Pure white, tender, crisp and mild. Pkt., 5c; oz., 11c; ¼ lb., 33c; ½ lb., 55c; lb., 90c, postpaid.

FIREBALL—NON PLUS ULTRA. An early round Radish of bright scarlet color and pure white flesh; crisp, tender and of finest flavor. It has few and short leaves, permitting close planting. Very desirable for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 48c; lb., 80c.



Sparkler

EARLY SCARLET GLOBE

The market gardener's variety. One of the earliest forcing Radishes and does equally well outside. The bright scarlet roots are fair sized, globe-shaped and with very small top. We have as good a stock of this superb variety as is grown. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 80c, postpaid.

FRENCH BREAKFAST

An oblong, very crisp and quick growing Radish, in color a bright rose-scarlet with white tip. It is very early, of fine quality, a great favorite on the market and unexcelled for the home garden. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 48c; 1 lb., 80c, postpaid.

RADISH SEED

SPARKLER

Improved Scarlet Turnip White Tipped. This extra early strain is perhaps the most attractive Radish we have. The color is a rich carmine-scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 48c; 1 lb., 80c, postpaid.



French Breakfast

CHINA ROSE WINTER

One of the very best Winter Radishes. The roots are cylindrical and blunt at both ends. The skin is bright, deep rose color and the flesh white and very crisp. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.

BLACK SPANISH WINTER

One of the latest as well as the hardest of Radishes. The skin is black and flesh white, solid, crisp and pungent. Keep well all Winter. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.



Black Spanish Winter

WHITE ICICLE

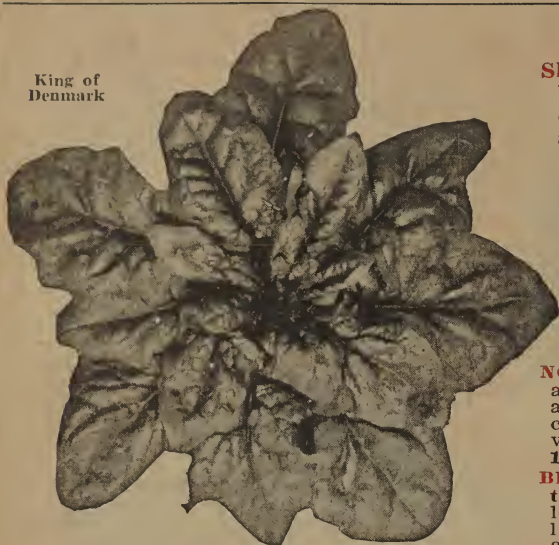
Sometimes called Ladyfinger. The best early pure white Radish and the most crisp and tender of all Radishes. The handsome white roots are 6 inches long, tender, brittle, juicy and agreeably snappy, preserving these qualities longer than the red sorts. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 48c; 1 lb., 80c, postpaid.



White Icicle

A GOOD GARDEN ALWAYS PAYS

King of Denmark

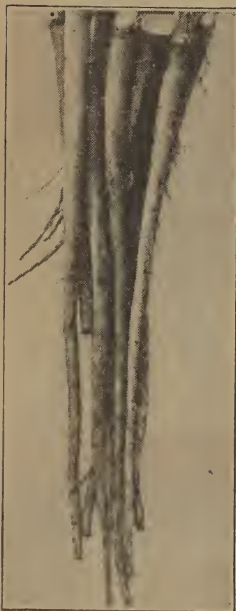


deep green, blistered and crumpled. A heavy yielder. Pkt., 5c; oz., 10c; ¼ lb., 18c; ½ lb., 29c; 1 lb., 45c, postpaid.

KING OF DENMARK. This variety is very slow to run to seed. The plants are early, vigorous and productive, and bushy in habit. The rounded leaves are crumpled, blistered, and a deep green in color. Probably the best sort for Northwestern conditions. Pkt., 5c; oz., 10c; ¼ lb., 18c; ½ lb., 29c; 1 lb., 45c, postpaid.

NEW ZEALAND. Not a true Spinach, this variety thrives in hot, dry weather. As the leaves are picked off, new shoots appear and yield a continuous supply of greens throughout the summer. 125 seeds to the packet. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.

PRINCESS JULIANA. A long standing spinach, very slow to bolt to seed and a most attractive sort. The leaves are large and rounded, thick, very much blistered and crumpled, and of an intense, very dark green color. Pkt., 5c; oz., 10c; ¼ lb., 18c; ½ lb., 29c; 1 lb., 45c, postpaid.



Salsify

SALSIFY or OYSTER PLANT

Haferwurzel
(German)

CULTURE: Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill. About 180 seeds to the packet.

Havrerod
(Scan.)

MAMMOTH SANDWICH ISLAND. This is the best type of Salsify or Vegetable Oyster. The roots are very large, smooth and of fine quality and delicious flavor. Pkt., 5c; oz., 16c; ¼ lb., 48c; ½ lb., 85c; 1 lb., \$1.50, postpaid.

SQUASH

EARLY MANDAN SQUASH. The Very Earliest Squash. This wonderful little Squash, obtained by us from the Mandan Indians, will ripen anywhere, notably in the Montana mountains, where squashes had never been grown before. It is hardy, drought resistant, and of fair quality. Pkt., 10c; oz., 25c, postpaid.

GIANT SUMMER CROOKNECK. A variety early as common Crookneck and much larger, frequently two feet long. It is heavily warted, of bright golden color, brittle and tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., \$1.00, postpaid.

MAMMOTH WHITE BUSH. Cymling or Patty Pan. A very early Summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., \$1.00, postpaid.

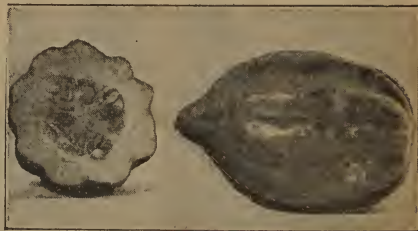


Table Queen

TABLE QUEEN—DES MOINES or ACORN.

The Individual Squash. A small, very productive, acorn-shaped variety, averaging 1½ pounds. The thin shell is ribbed and very dark green in color. The orange yellow flesh is thick and of excellent quality. A good keeper. Squash of this variety may also be used as summer squash if picked when half grown. Pkt., 5c; oz., 14c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.10, postpaid.

ITALIAN MARROW—COCOZELLE. The most delicate and finest flavored Summer squash. Of compact bush growth, the vines yield heavily of fruit averaging 14 inches long and 5 inches in diameter, dark green in color with the yellow and green stripings. Used when 10 inches long and perfectly green. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 65c; 1 lb., \$1.20, postpaid.

PEANUTS

SPANISH. Earliest Variety Grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c; ¼ lb., 15c; ½ lb., 24c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.10.

SPINACH Spinat { German Scan.

CULTURE: Sow in early spring, in rows not less than 12 inches apart, covering not more than one inch deep. Sow 2 weeks apart for succession. One ounce for 100 feet of row. With exception of New Zealand Spinach, about 600 seeds to the packet.

NOBEL—GIANT THICK LEAVED. A very rapid grower and the largest Spinach. The broad, deep green leaves are very thick and rather smooth, easily cleaned for cooking. A long standing and very heavy yielding variety. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c, postpaid.

BLOOMSDALE or SAVOY LEAVED. The standard extra early Spinach for home and market garden. The leaves are large, glossy



New Zealand Spinach

Will's Winter Squashes

Early and Hardy Varieties

Kurbiss (German) Squash-graeskär (Scan.)



Banquet Squash

Culture: One ounce to 30 hills, Summer, and one ounce to 15 hills, Winter varieties. Plant at same time as cucumbers and melons, in hills 3 to 4 feet apart for Summer sorts and 7 to 8 feet apart for the Winter varieties. About 45 seeds to the packet of Winter Squash and 70 to the packet of Summer Squash.

DAKOTA. Professor A. F. Yeager's cross between Table Queen and Mandan Squash. Top shaped, with dark green skin and pale orange flesh, Dakota is much earlier and more prolific than Table Queen and should be used in the same way. Pkt., 10c; oz., 30c.

BANQUET. A golden squash, the result of our cross between Buttercup and Gilmore, earlier and more prolific than Buttercup with Buttercup shape, thick dry orange flesh and fine quality. We raised many tons of Banquet Squash in 1939. We're proud of this one. Pkt., 8c; oz., 18c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.60, postpaid.

RED or GOLDEN HUBBARD. Similar to Improved Hubbard except for its orange-red color, but slightly smaller and decidedly earlier. The flesh is deep orange, dry and of splendid quality. A superior table variety and an excellent keeper, this is a fine variety for the home garden. Pkt., 5c; oz., 13c; ¼ lb., 35c; ½ lb., 65c; 1 lb., \$1.10, postpaid.

IMPROVED HUBBARD. The Standard Winter Squash. More extensively grown than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh a deep orange yellow, fine grained, dry and sweet. Its quality is the standard of excellence. Pkt., 5c; oz., 12c; ¼ lb., 30c; ½ lb., 58c; 1 lb., \$1.00, postpaid.



Improved Hubbard

Buttercup Squash



WINNEBAGO. One of the very best of squashes. The squash is long, greenish black in color, and a good keeper. The bright orange flesh is thick, very dry and sweet and less stringy than almost any other squash. Under normal conditions many Winnebago Squash will weigh over 30 lbs. Pkt., 8c; oz., 18c.

BUTTERCUP. Originated in North Dakota by Professor A. F. Yeager. The squashes weigh between 3 and 5 pounds with thin, tough green skin. There is no fibrous section and the thick, rich orange flesh has no tinge of green. It is a good keeper with very little waste in cooking. The flavor is sweet and fine; the texture smooth and dry. A fine squash and our seed is the best obtainable. Pkt., 8c; oz., 15c; ¼ lb., 45c; ½ lb., 85c; 1 lb., \$1.50, postpaid.

ARIKARA. If you want the earliest large Winter Squash, the squash that will set fruit and outyield all others under drought conditions, plant the Arikara. The shell is salmon, varied with blue green; flesh orange tinged with green near the shell, of firm texture and fair quality. It is a wonderful keeper. Pkt., 8c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25, postpaid.



Arikara

"Last spring you supplied me some of your new Golden Buttercup (Banquet) squash seed which made an excellent crop."

GILBERT S. WATTS, Bellwood, Pennsylvania.

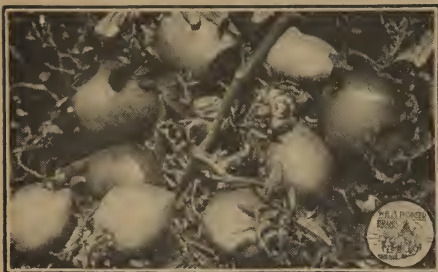
Mr. Watts is a noted authority on vegetable growing and market gardening and grows 200 acres of vegetables and berries.

October 19, 1939.

Culture. Sow in hotbed or shallow boxes in the house in early Spring, allowing 8 to 10 weeks from sowing indoors to setting in open ground; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way. About 600 seeds to the packet.

Will's Early

Liebesapfel (German)



Redskin

RED SKIN.

A heart shaped, extra early Tomato originated by Professor Yeager especially for sowing in the open ground. The plants are very compact and yield heavily. The high quality Tomatoes run from 2 to 2 1/2 inches in diameter. If you haven't been able to raise Tomatoes before, try this one. Pkt., 15c; 1/4 oz., 55c.

I got a packet of your Early Jumbo last year and they were a fine lot. I had dozens weighing over one pound each.

I. W. CRIPPIS, Steep Creek, Sask.

EARLIOSA. (See picture on Page 1.) Another fine cross between Ponderosa and Earliana by the Bureau of Plant Industry, Division of Dry Land Agriculture, Northern Great Plains Field Station, Mandan, N. Dak. A bit later than Rosana, showing more Ponderosa blood, very meaty and a fine Tomato for the Plains country. Pkt., 20c, postpaid.

JOHN BAER. Slightly earlier than Bonny Best, a heavy yielder of smooth, firm, medium sized, flattened globe shaped, scarlet fruits. Pkt., 5c; oz., 30c; 1/4 lb., 90c, postpaid.

BONNY BEST. A splendid second early sort, the bright deep scarlet fruits ripen evenly and are of superior solidity and interior color. A good yielder and most attractive in shape and color. Pkt., 5c; oz., 30c; 1/4 lb., 90c, postpaid.

MARGLOBE. An all-purpose, midseason Tomato developed by the U. S. Department of Agriculture. The fruits are medium large, nearly globular, smooth and solid. This variety is resistant to wilt. Pkt., 5c; oz., 30c; 1/4 lb., \$1.00, postpaid.



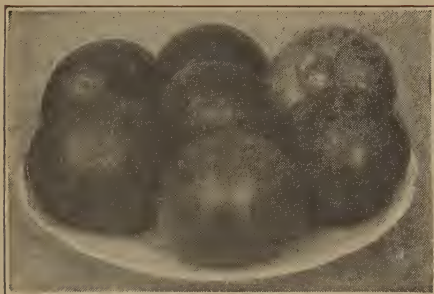
Allred

The Allred variety proved to be a better all around kind for this country last year—superior to Bison and Farthest North.

FRANCES R. SIMONSON,
Anchorage, Alaska.

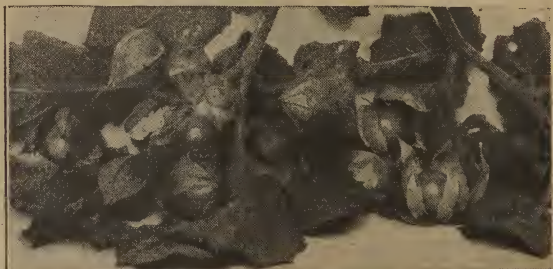
ALLRED

All Over Ripening. The individual Tomato ripens evenly, turning gradually from allgreen, through the various intermediate shades to Allred. The vines are of the determinate Bison type, with meaty, scarlet fruit as early as and larger than Bison. Pkt., 15c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.50; 1 lb., \$8.00, postpaid.



Millet's Dakota

MILLET'S DAKOTA. The hardest, most drouth resistant early Tomato. Originated by the late John W. Millet of Bismarck, and introduced by us in 1913, it is as early as the earliest strain of Earliana. The fruit is medium sized, smooth, and rich deep scarlet, of high quality. Under unfavorable conditions we believe it will outyield other varieties and we have been surprised at its amazing performances under irrigation. Pkt., 10c; 1/2 oz., 30c; oz., 45c; 1/4 lb., \$1.45, postpaid.



Strawberry or Ground Cherry

GROUND CHERRY, HUSK or STRAWBERRY TOMATO.

Not a true Tomato, the round yellow fruits are half an inch in diameter, enclosed in thin paperlike husks. A heavy yielder, very sweet, and used mostly for pies and preserves. Pkt., 10c; 1/2 oz., 25c; oz., 45c, postpaid.

WONDERBERRY—GARDEN HUCKLEBERRY. Not a true Huckleberry, but belonging to the same family as do Tomatoes, Eggplant, and Pepper, this is very productive of round, nearly black fruits, but little smaller than a Concord Grape. These fruits when fully ripe make excellent pies, preserves, and jam. Pkt., 10c; oz., 50c.

HARDY TOMATOESTomat
(Scandinavian)**BISON***The Tomato for Northern Gardens*

We were the first concern to grow and list this fine Tomato originated by Professor A. F. Yeager at the North Dakota Experiment Station. It is self-pruning or determinate in growth. In place of wasting its vitality in continuous branching as do practically all other Tomatoes, **Bison** grows a compact plant and puts all its energies into producing and ripening a heavy and extra early crop of solid, meaty, medium sized red Tomatoes of finest quality. Many yields up to 40 pounds for one plant have been reported. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; 1 lb., \$6.00, postpaid.

Tried your Bison last year and had fine success, they were ripe the 15th of July. Mrs. Bridget O'Connor, Newcastle, Nebr., R. No. 1.

This spring I set out 14 hundred tomato plants and raised them. We sold nearly 5 hundred dollars worth of tomatoes this summer. We have 2 flowing wells, we take great interest in our garden.

Mrs. Ed. Dippert, Chance, S. Dak.

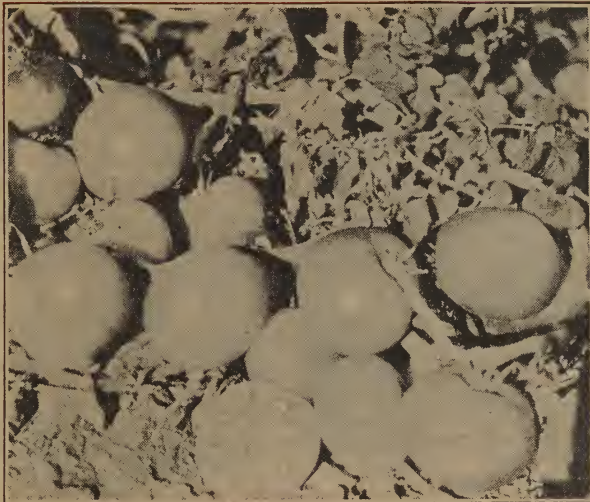


Bison Tomato
(Typical Unpruned Plant)

EOSANA. An early, good sized, scarlet, meaty Tomato of fine quality, following Mandan Earliana in season and particularly adapted to Great Plains conditions. The result of a cross between Ponderosa and Earliana developed by the Bureau of Plant Industry, Division of Dry Land Agriculture, Northern Great Plains Field Station, Mandan, N. Dak. Pkt., 15c; ½ oz., 40c; oz., 65c.

EARLY JUMBO. The earliest large Tomato, this purplish pink sort is a heavy yielder, very meaty and of high quality. Pkt., 15c; ½ oz., 40c; oz., 70c.

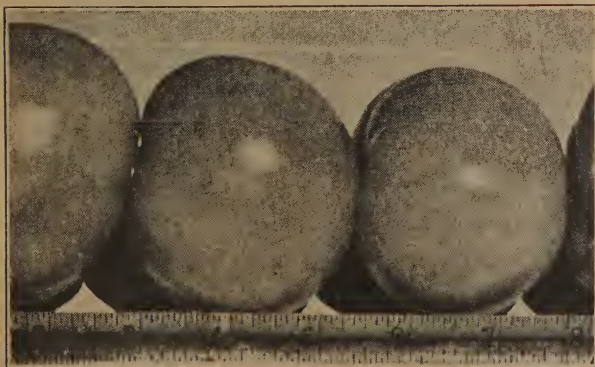
Tomato Plants
Listed on Page 56



Mandan Earliana

**MANDAN
EARLIANA.**

Developed for drouth resistance, quality and yield by the Bureau of Plant Industry, Division of Dry Land Agriculture, Northern Great Plains Field Station, Mandan, N. Dak. During dry weather this variety holds its fruit size and yield better than any other sort. Early, bright scarlet in color, and very meaty, we recommend this variety for the Great Plains. Pkt., 15c; ½ oz., 40c; oz., 65c; ¼ lb., \$2.00, postpaid.



Red River

You may be interested to know that I had such splendid luck with your seeds last year, especially the Red River and Bison Tomatoes.

Mrs. C. L. Rice, Burlington, Kansas

EARLIANA (Standard Strain). One of the earliest varieties and very productive. The fruit is fair sized, round, very smooth and solid, and produced in clusters in the center of the plant. The color is bright scarlet. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20, postpaid.

RED RIVER. One of the earliest and the most solid, meaty early sort we have ever seen. Red River is a heavy producer of bright scarlet, medium sized, slightly flattened smooth fruits of solid meat and splendid flavor. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.00; 1 lb., \$3.75, postpaid.

GOLDEN BISON. Professor Yeager has combined the earliness and compact habit of growth of Bison with a medium sized, smooth, mild Golden Tomato of finest quality. Attractive in salads especially when sliced together with Red Tomatoes and fine for making Tomato juice. Pkt., 10c; ½ oz., 35c; oz., 60c.

For Small Fruited Tomatoes See Next Page
(44).



Fargo Yellow Pear

Small Fruited Tomatoes

FARGO YELLOW PEAR. In this sort, Professor A. E. Yeager has combined the earliness and self-pruning habit of his Bison Tomato with typical Yellow Pear fruit. Its extreme earliness and heavy yields are worth while. Pkt., 10c; ½ oz., 35c; oz., 60c.

PINK PEACH. This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles and is fine for salads. Pkt., 10c; ½ oz., 25c; oz., 45c, postpaid.

YELLOW PLUM. A beautiful sort, much resembling a plum in size and shape; widely used for preserving. Pkt., 10c; ½ oz., 25c; oz., 45c, postpaid.

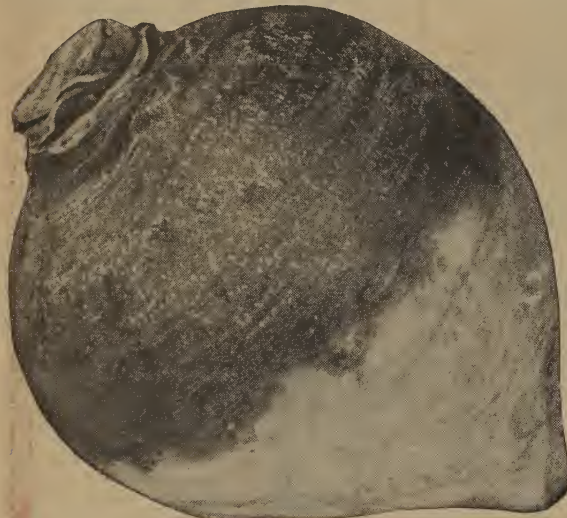
RED CHERRY. The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 10c; ½ oz., 25c; oz., 45c, postpaid.

Kohlrübe
(German)

Will's Rutabagas

Roe
(Scandinavian)

CULTURE: Sow latter half of June or first of July. Plant about ½ in. deep. Rows should not be less than 20 inches apart. Thin to 8 to 10 inches apart in the row. One ounce will sow 250 ft. of drill; 1½ lbs. an acre of drill, and 2½ lbs. an acre broadcast. About 1,900 seeds to the packet.



Will's Improved Rutabaga

PAJBJERG BANGHOLM. The roots are purple - topped and yellow with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest Rutabaga, a heavy yielder and a splendid keeper. Our Danish grown seed gives uniformly satisfactory results and is much used in commercial plantings. The "Luther" Rutabagas are grown from our seed. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

WILL'S IMPROVED AMERICAN PURPLE

TOP YELLOW. The roots are large, globe shaped, with small necks and tap roots, bright yellow with purple tops. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy, productive and a good keeper. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.00.

EARLY NECKLESS. A purple top yellow Rutabaga, three weeks earlier than American Purple Top, entirely neckless, free from side roots, round and uniform, of fine quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

WHITE SWEET PERFECTION. This white Rutabaga is a heavier yielder than most of the yellow sorts. Especially desirable for table use, it is small necked, fine grained and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.00.

Purple Top
White Globe

CULTURE: Sow seed early in spring for summer crop and about July first for fall crop. Culture and quantities same as Rutabaga, but do not require as much thinning. About 2,200 seeds to the packet.

Weiss-Rübe
(German)

Turnips

Turnips
(Scandinavian)

PURPLE TOP STRAPLEAF. Widely cultivated, a quick grower, and very productive. The roots are flat, medium sized, purple above ground and white below. The flesh is white and of fine quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 65c, postpaid.

EARLY WHITE MILAN.

The earliest Turnip, can be used for spring or summer planting. The creamy white roots are medium sized,

flat and uniform. The white flesh is fine-grained, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 27c; ½ lb., 43c; 1 lb., 75c, postpaid.

PURPLE TOP WHITE GLOBE.

The most popular variety for general use. A good sized, globe-shaped sort of a fine appearance, a good producer and keeper. The flesh is firm, fine-grained, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c, postpaid.

EARLY WHITE FLAT DUTCH. A very early flat turnip of medium size and clear white skin. The flesh is very white, fine-grained and sweet. One of the most popular sorts for home or market. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.

WHITE EGG. A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.

GOLDEN BALL. The Best Yellow Globe Turnip. The orange yellow roots average 4 inches in diameter, with fine grained yellow flesh of excellent quality. A good keeper. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c, postpaid.

SEED CORN FOR THE NORTHWEST



We have been growing and breeding seed corn for the Northwest for 57 years. We have introduced nearly all of the really satisfactory varieties for the Northern Great Plains. We have experimented with inbreds, hybrids and crosses for fifteen years.

It is evident therefore that if you want North Dakota seed corn of tested value you must purchase it from Oscar H. Will & Co.

We do not grow our seed corn outside the Missouri Slope in North Dakota.

Our Seed Corn comes in 1 bu. size bags of fine towelling—useful in every household.



ABOUT HYBRIDS—YIELDS, ETC.

Hybrid corn is not a magic preparation; there are thousands of kinds of hybrid corn, some of no value at all, some adapted to one type of conditions, some to another, but none to any and every condition. In other words, Hybrid Corn must be bred with an adaptation to conditions in the locality where it is to be grown.

We have had variety corn trials of hybrids, crosses and regular varieties at our nursery for the past two years. Other trials have been conducted over the state at different points. Information gathered from these various trials definitely demonstrates that no present known hybrid is worth its cost under all conditions to growers over most of our state. We have found just three hybrids from Minnesota that are adapted to our most favorable conditions. In addition we can recommend the Dakota Hybrid from the Agricultural College. Our own Falconer Hybrid shows superiority most seasons to the standard strain though not every year. This is true of our Northwestern Dent Hybrid as well.

Our trials seem to prove that variety crosses of our North Dakota varieties, if the proper varieties are selected, give much better yields than any of the hybrids.

During the past season three of our carefully made variety crosses were outstanding yielders in our own trials and we have favorable reports on them from other sources.

Altogether we can recommend the variety crosses as sure to give increased yield under most conditions. But we urge you to determine by experiment on a modest scale which ones are best adapted to your conditions, and to try out presumably adapted hybrids in the same way.

We have hundreds of inbreds well on their way to completion and hope to have hybrids of adapted varieties to offer within the next few years.

FALCONER SEED CORN



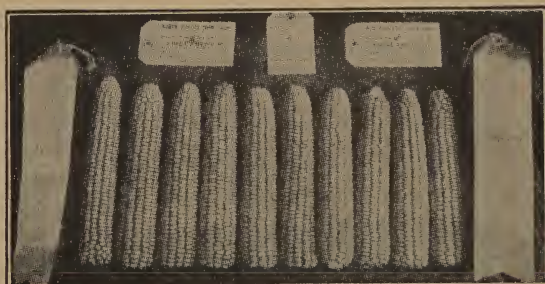
Oscar H. Will & Co. Strain—Highest Yielding Corn for the Northwest

Falconer corn is grown by the hundreds of thousands of acres now and many thousands of these acres are off type, unselected or poorly selected scrub corn of the poorest type and certain to make inferior yields.

We introduced Falconer Corn. Falconer in careful tests over most of our state has outyielded every variety including the best hybrids.

The answer seems obvious then. Buy genuine Falconer of true, high yielding strain from Oscar H. Will & Co. and devote most of your own corn acreage to Falconer Corn.

Lb., 30c, postpaid; F. O. B. here, 10 lbs., 50 c; ½ bu., \$1.25; bu., \$2.00.

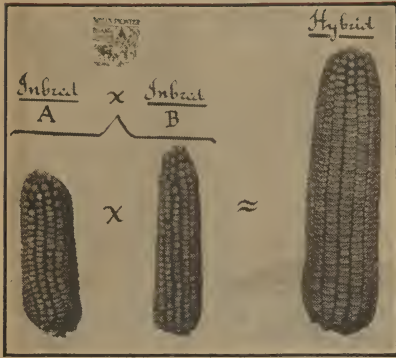


A CORN HANDBOOK FOR THE NORTHWEST

Corn Varieties, Corn Planting, Growing, Harvesting

This book covers the subject of Corn for the Great Plains and the Northwest fully and treats of corn growing in every department. Written clearly and concisely it can be used as a text book in agricultural classes. Price, 50c. Postpaid, 60c. A Copy Free with each \$10.00 Corn Order.

CORN HYBRIDS AND CROSSES



Hybrid corn usually is more vigorous, more disease resistant and much more productive than the common or open pollinated varieties. To produce a hybrid of any variety pure inbreds are first isolated by self pollinating for 3 to 5 years. Those giving best results to the number of 2 to 4 strains are grown to use in producing the desired hybrid and to carry on the pure strain from year to year. Hybrid seed corn must be the product of a fresh crossing each year to be of any value.

Our own corn hybrids and variety crosses have been produced this year under supervision and periodical inspections by the N. D. State Seed Department. They will be furnished in 1 bu. sealed bags.

In addition to our own hybrids we are offering two Minnesota 13 type hybrids and one mixed hybrid which have been the best of the Minnesota hybrids in our trials and are well worth trying on good soil and under good moisture conditions.

HYBRIDS FOR NORTH DAKOTA

N. D. A. C. DAKOTA FLINT HYBRID

Produced under the outstanding corn specialist, Dr. P. J. Olson. This hybrid has greater height and heavier ears and is still as early as the parent stock. Grade—medium round. Lb., 40c, postpaid. F. O. B. here: 10 lbs., \$1.25; ½ bu., \$3.25; bu., \$6.00.

WILL'S FALCONER HYBRID (Certified)

Grown from four of our own inbreds selected some nine years ago. Has shown less smut, sturdier stalks and heavier yields in our trials. Grades large flat, medium flat. Lb., 50c, postpaid. F. O. B. here: 10 lbs., \$1.50; ½ bu., \$4.00; bu., \$7.50. Medium round grade 50c less.

E-2 MINN. 13 HYBRID. A Minnesota hybrid in the 90 day class. Disease resistant and very sturdy. Has done well in trials and possesses many valuable hybrid qualities. Grade—medium flat. F. O. B. here: 10 lbs., \$1.50; ½ bu., \$3.50; bu., \$6.75.

E-4 MINN. 13 HYBRID.

Another Minnesota hybrid in the 95 day class. A trifle later but a heavier yielder in trials than the E-2, which may be planted somewhat further north. Has all the good hybrid qualities but, like the E-2, should be planted only in good locations. Grade—medium flat. 10 lbs., \$1.50; ½ bu., \$3.50; bu., \$6.75. F. O. B. here: 10 lbs., \$1.50; ½ bu., \$3.25; bu., \$6.50.

MINHYBRID 402. This is one of the hybrids from the Minnesota State Experiment Sta. which has been among the best of the hybrids in N. D. trials. Postpaid, lb., 50c. F. O. B. here: 10 lbs., \$1.50; ½ bu., \$3.25; bu., \$6.50.

WILL'S NORTHWESTERN DENT HYBRID

This corn is a combination of four inbreds, three of our own selected 12 or more years ago and one originating in Minnesota. It may also show a slight amount of yellow from outside pollen. Has shown some apparent smut resistance, is vigorous, early and high yielding. Grades—large flat, medium flat. Postpaid, lb., 40c. F. O. B. here: 10 lbs., \$1.00; ½ bu., \$2.50; bu., \$4.50; medium round grade 50c less.

CONTROLLED VARIETY CROSSES

Some years ago it was determined in Minnesota that variety crosses of very different types of corn would produce hybrid vigor equal to that of most regular hybrids. Furthermore it was determined that a flour corn crossed with a dent was practically sure to give a much increased yield. Along that line we have experimented for the past several years and we can announce with certainty that we have to offer this year several variety crosses which will give to our customers most of the advantages of hybrid corn. They were produced by crossing several flour corns and Falconer in different fields with Dents.

Our variety crosses have been outstanding for drouth resistance and yield at many of the 1939 trials. We can recommend them with more confidence than the hybrids.

PRICES OF VARIETY CROSSES

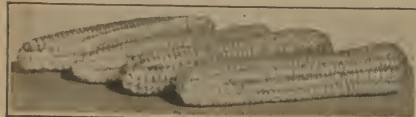
Grades—large and medium flat: 10 lbs., \$1.00; ½ bu., \$2.75; bu., \$5.00.

Grades—large and medium round: 10 lbs., 90c; ½ bu., \$2.50; bu., \$4.75.

PIONEER CROSS NO. 1. This is our cross between Falconer and Alta Dent. Has been very heavy yielding for the past three years.

PIONEER CROSS NO. 2. This, too, is a pure yellow cross, a trifle later than No. 1. Parents are Boyd Minn. 13 and Mandan-Navajo yellow flour.

PIONEER CROSS NO. 3. This cross between Boyd Minn. 13 and Navajo Sacred corn was by a slight margin our heaviest yielder. About as late as early Minnesota 13.

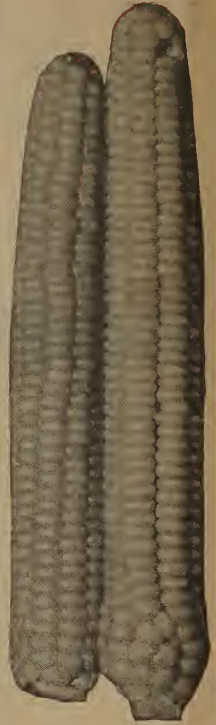


Variety Cross

PIONEER CROSS NO. 4. An earlier cross of flour and dent, particularly drouth resistant. Pride of the Plains White Flour with Hanev Minn. 13.



Hand Pollinating Inbreds

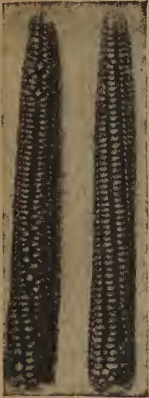


N. D. A. C. Dakota Hybrid



Dent Hybrids

EARLY STRAINS—MINNESOTA 13



Mercer

If, as some maintain, our seasons are growing longer, Minnesota 13 is on its way to be our leading corn variety. The very early Haney and Boyd strains which we handle will ripen over nearly all the state in a good year. The Haney strain originated in the Red River Valley, the Boyd near Bismarck. The variety lacks in drouth resistance but seems to be most resistant to a degree. Either strain, postpaid, lb., 30c; F. O. B. here: 10 lbs., 60c; ½ bu., \$1.20; bu., \$2.00.

MERCER FLINT

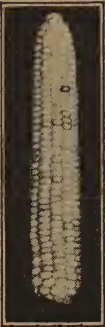
A fine silage variety with stalks 6 to 8 ft. high, leafy, with slender stalks, ears long and slim, several to a hill, color orange yellow. A second early sort that does not always mature in short seasons. Fine to feed in the bundle as well as for silage. We have an extra good acclimated strain. Lb., 30c, postpaid. F. O. B. here: 10 lbs., 60c; ½ bu., \$1.20; bu., \$2.00.



Minnesota 13

PRIDE OF THE PLAINS

White Flour Corn. The New Drought Resistant, Leafy, exceptional drought resistant qualities, and wonderful silage and feed possibilities on account of the length and number of its leaves, a quality peculiar to the desert corn of the Southwest which is one of its parents. The ears are large and of excellent feeding quality. For drought resistance it should be planted unusually deep. Lb., 30c, postpaid. F. O. B. here: 10 lbs., 60c; ½ bu., \$1.10; bu., \$2.00.



Assiniboine Flint

MANDAN-NAVAJO YELLOW FLOUR CORN

Yellow Flour Corn. This is another hybrid similar to the Pride of the Plains, except that it is yellow instead of white, and therefore somewhat more attractive than the white. Drought resistant, leafy, large ears. Parents are Mandan Yellow Flour corn and yellow flour corn from the Navajo tribe of Arizona. Lb., 30c, postpaid. F. O. B. here: 10 lbs., 60c; ½ bu., \$1.10; bu., \$2.00.



Pride of the Plains

ASSINIBOINE FLINT CORN

From the Canadian Indians—Earliest Type of Corn Grown. It is one of the very earliest and hardest types of Corn in the world. Ripens 10 days before the Gehu and Dakota, so has an especially useful place in hogging off. Yields only 15 to 20 bushels if checked in, but if drilled at the rate of 25 lbs. per acre will yield as high as 40 or 50 bushels per acre. Lb., 30c, postpaid. F. O. B. here: 10 lbs., 60c; ½ bu., \$1.25; bu., \$2.20.

MANDAN WHITE FLOUR CORN

North Dakota Grown for 200 Years—Requires No Grinding. Wonderful tests have demonstrated that the flour Corns are actually even higher in feed value than the dents and are much more easily ground up and digested by stock than any other type of Corn. This is as early as the early flints, a very heavy yielder. Lb., 30c, postpaid. F. O. B. here: 10 lbs., 60c; ½ bu., \$1.20; bu., \$2.00.

BURLEIGH COUNTY MIXED or DAKOTA SQUAW CORN

Hardy—Early—Heavy Yielding. This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since on account of its extreme earliness, and its unusual hardness and heavy yield. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It is a flint Corn of mixed colors, yellow, white, blue and red predominating, ears long and slender, mostly eight-rowed. This Corn shells out heavier than any other variety. Lb., 30c, postpaid. F. O. B. here: 10 lbs., 60c; ½ bu., \$1.20; bu., \$2.00.



Burleigh County Mixed



Northwestern Dent

SHOTA FLINT

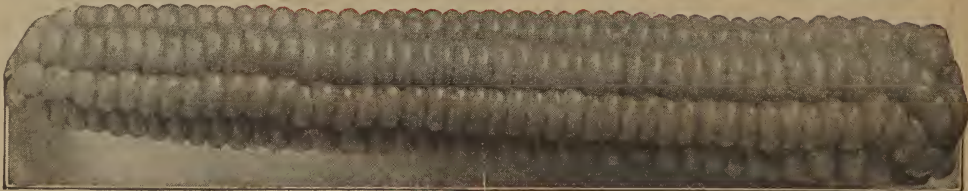
A cross between Dakota and a taller, later flint from New York.

Ears mostly 8-rowed, longer than Dakota, higher on the stalk which is also a foot taller. **Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.20; bu., \$2.00.**

DAKOTA WHITE FLINT

The first variety produced by Oscar H. Will in the early eighties.

A pure, pearly white flint, 8 to 12 rowed, long slender ears with small cob and a great deal of grain. Many ears to the hill, and yields of 50 bu. per acre have been reported. Stalks are leafy and bushy, a wonderful variety to feed off in the field. Height from 3½ to 5½ ft. **Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.20; bu., \$2.00.**



Dakota White Flint

WILL'S ORIGINAL NORTHWESTERN DENT

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody Butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. The only safe plan therefore is to buy Will's Original Northwestern Dent from Oscar H. Will & Co.

It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. It ripens in 80 to 90 days. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; ½ bu., \$1.20; bu., \$2.00.**

WILL'S GEHU YELLOW**FLINT**

The best known of our native early flints; might well be called the universal Corn. We

have shipped it to every continent and have had fine reports from it in Scandinavia, Russia, Ireland, Scotland, South Africa and South America. It has been carefully bred by us for nearly fifty years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of Corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a Corn binder. Gehu is of a lemon-yellow color, ears mostly twelve-rowed, 7 to 10 inches in length. Stalks 4 to 6 feet. Ears 10 to 15 inches from the ground. Hog raisers declare that hogs will fatten on Gehu at least a third faster than on any other Corn variety. This is said to be especially notable in hogging off when the hogs do not have access to alfalfa or sweet clover. **Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.20; bu., \$2.00.**

Gehu

**ALTA DENT**

As early as the early strains of Minnesota 13, bred in western South Dakota and consequently especially adapted to drier conditions and higher altitude. A handsome and valuable pure yellow dent. **Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.20; bu., \$2.00.**



Alta Dent

PAYNE'S WHITE DENT

An early corn which has done very well at the Great Plains Experiment Station at Mandan. A trifle larger ears than Pioneer. **Lb., 40c, postpaid. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.20; bu., \$2.00.**

SQUARE DEAL YELLOW DENT

An Oscar H. Will introduction some thirty-three years ago, Square Deal is still the earliest of all yellow dents. The ears are short and solid, the kernels are very deep and the shelling proportion is very high. Prefers rather moist soils. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.10; bu., \$2.00.

Square
Deal
Dent

PIONEER WHITE DENT

The earliest and hardiest White Dent in cultivation. Also the most drouth resistant dent that can be grown. Easy to pick, even in maturing. We had in 1937 an interesting letter from Mr. B. F. Schuster who sent us our original breeding stock 33 years ago.

Ears average 6 to 8 inches long, nearly cylindrical, 14 to 16 rows, white with occasional pink shading. Stalks 5 to 7 ft., ears 2 ft. up. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 70c; ½ bu., \$1.20; bu., \$2.00.



RUSTLER WHITE DENT—Crimmins Strain

This especially adapted strain for central and western North Dakota has been bred by Mr. D. C. Crimmins of Hazelton, N. D. He is a corn breeder of note, winner of many premiums at the State Corn Show, and in this strain of Rustler has given us a very valuable corn. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.20; bu., \$2.00.



Rustler Dent

RAINBOW FLINT

Drouth Resistant—A Tremendous Yields

We have two strains. The Great Plains Strain was developed at the U. S. Great Plains Field Station at Mandan, is earlier and better adapted to Great Plains conditions.

The South Dakota Strain is somewhat taller and later.

Rainbow is probably the safest and best silage and feed corn for our section, and the heaviest producer.

S. D. Strain. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.20; bu., \$2.00.

Great Plains Strain. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c; ½ bu., \$1.20; bu., \$2.00.



Rainbow Flint

INTERESTING CORN VARIETIES

For Novelty Trials, Breeding Experiments, etc.

We know that many of our customers are interested in experimental work with Corn and in the observation of novel and little known sorts. We have therefore listed here a few of the many unusual types that we are constantly growing and observing, and we hope to present others each year.

Price, lb., postpaid, 40c; F. O. B. Bismarck, 5 lbs., 75c.

MANDAN INDIAN CORN. We can supply Blue Flour, White Flint and Black Flour.

WINNEBAGO INDIAN BLUE. This is a long, slender blue flour corn from Wisconsin.

ZUNI CORN. Flour corn from the Pueblos of the Southwest. Blue.

YELLOW MANDAN KING. Selected for straight yellow color over a period of several years.

RUSSIAN EXTRA EARLY. Corns from Siberia and the colder parts of Russia, very remarkable for earliness and height of stalk for such early corn. We have several kinds, as follows: Bezentschonskaya small kernelled red and yellow flint, Primorskaya Flint, Pervenetz West Siberia Flint, Ural No. 4797 Flint, Red Striped small early Flint, Early Russian Dark Red Flint.

GOLD BAN. A very early Canadian yellow sweet corn which looks good.

SUNSHINE X ASSINIBOINE YELLOW SWEET. A cross between Golden Bantam and the very Early Assiniboine Yellow Flour. Early, vigorous and good quality.

ORNAMENTAL RED. Red foliage with some yellow and white striping. Useful in beds, etc.

DARK RED EAR & STALK. A Zuni X Peruvian cross.

SANTEE WHITE. A very tall white flint corn similar to Rainbow except for its straight white color.

The 4X is, we consider, the very best procurable fodder Corn for Northwestern conditions. We get this grown just far enough south so that the maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut Corn for fodder is when the kernels are just past the roasting ear stage.

Sow or drill ten pounds to one-half bushel per acre, if planted with a planter; 2½ bu. if broadcasted. F. O. B. here, 10 lbs., 30c; ½ bu., 50c; 1 bu., 90c; larger lots @ 80c.

4X Fodder Corn Southern Grown, Tall, Leafy



4X Fodder.

Acme Fodder A Natural Hybrid

Almost perfect as a silage corn. This is a mixture of off type early dents and semi-dents with a previous year's cross. This sort of combination means heavy growth and yield combined with the

natural earliness of its components. Easily handled with a binder. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 45c; ½ bu., 65c; bu., \$1.25.

SWEET FODDER CORN—Wonderful Feed for Milch Cows

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milch cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary Corn. It is likewise a heavy yielder as it is so bushy, and there

are no heavy, coarse stalks which are usually waste. Prices are very reasonable this year. Lb., 30c, postpaid. F. O. B. Bismarek, 10 lbs., 75c; 50 lbs. or more @ 6½c per lb.

WRITE FOR OUR BLUE PRICE LIST FOR LATEST PRICES

CHOICE SEED POTATOES

Prices Subject to Market Change Without Notice

WARBA. A cross between Triumph and a Minnesota seedling. Round, white, with pink eyes. Early and a very heavy yielder. Resistant to mosaic and hot, dry weather. Price F. O. B. here, 1 pk., 40c; ½ bu., 75c; bu., \$1.10; larger lots @ \$1.00.

IRISH COBBLER. A medium late or main crop sort. Yields very heavily under good conditions. A round, flattened potato of large size with many

to the hill. F. O. B. here, pk., 30c; ½ bu., 60c; 1 bu. or more @ \$1.00.

EARLY OHIO. The old favorite. Stands more drouth and hot weather than any sort we know. F. O. B. here, pk., 30c; ½ bu., 60c; 1 bu. or more @ \$1.00.

IDAHO. (Earliest of All.) Once more we are able to offer this specialty of ours. A medium size, pink, oblong potato ripening in a compact mass in the hill. Matures in 60 days. F. O. B. here, pk., 30c; ½ bu., 60c; 1 bu. or more @ \$1.00.

TRIUMPH. An early, round red potato, much sought in the south for winter growing. Uniform in size and shape and a very heavy yielder. F. O. B. here, pk., 30c; ½ bu., 60c; 1 bu. or more @ \$1.00.



Potato Eyes

We can furnish carefully cut eyes from any of the above varieties. These dry out in very dry weather quicker than larger pieces but otherwise are very satisfactory. They save considerable in transportation costs. Plant 8,000 to 12,000 per acre. Price, 100 postpaid, 60c; 1000, \$5.00. F. O. B. here, 1000, \$4.50.

FIELD SEED

Prices include sacks, and are subject to market changes without notice
Write for prices on large lots. In case of price advances, value will be sent. Get Our Special
Price List, issued at intervals after January 15th.

Hay Millets

DAKOTA-KURSK. The very best hay Millet for North Dakota yet found. A tremendous yielder of fine quality hay and a heavy seed bearer. Our seed comes from the U. S. Dept. of Agriculture. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.00; 100 lbs., \$3.75.

Mr. Wilbur House of Dodge, N. D., says, "I was certainly surprised at the way this Millet yielded both as to seed and forage. The way the stock go after it is nothing slow."

SIBERIAN MILLET. This is the most planted variety in the Northwest. Does not degenerate from planting northern seed as do some sorts. We supply either northern or southern grown, as they are of equal value. Lb., 20c, postpaid. F. O. B. here, 10 lbs., 40c; 50 lbs., \$1.75; 100 lbs., \$3.00.

WHITE WONDER MILLET. The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves, producing an immense amount of excellent fodder. Lb., 20c, postpaid. F. O. B. here, 10 lbs., 45c; 50 lbs., \$2.00; 100 lbs., \$3.75.

SOUTHERN GROWN GERMAN MILLET. This is German millet, sometimes called Golden, raised in the latitude of Kansas and southern Nebraska. Lb., 20c, postpaid. F. O. B. here, 10 lbs., 40c; 50 lbs., \$1.50; 100 lbs., \$2.75.

HUNGARIAN MILLET. This variety is one of the best adapted to northern conditions of any sort. It is suited to cooler weather, and under such conditions will mature seed which does not degenerate as does the northern grown seed of some sorts. Lb., 25c, postpaid. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.25; 100 lbs., \$4.00.

JAPANESE MILLET. This variety is of a different family from the others. It does best on heavy, moist soil where it will usually produce two cuttings or a great amount of pasture. It is better for horses than the ordinary sorts. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 50 lbs., \$2.25; 100 lbs., \$4.00.

Hog or Proso Type Millets

EARLY FORTUNE or RED PROSO. This red form of the proso or hog millet type is in especial favor for mixture in poultry foods. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 30c; 50 lbs., 90c; 100 lbs., \$1.60.

BROOM CORN or YELLOW PROSO. The first type of Proso grown in the Northwest. Color varies from yellow to creamy white. Resembles Early Fortune except in seed color. Lb., 20c, postpaid. F. O. B. here, 10 lbs., 30c; 50 lbs., \$1.00; 100 lbs., \$1.80.

TURGHAI PROSO. We are glad to offer this very excellent variety of proso. We believe it to be the heaviest yielder of any proso, the earliest, and a tall growing, non-lodging variety as well. The seed is a rich, dark reddish brown in color, and of very beautiful appearance. Sells on the market at red proso prices. Very valuable as poultry feed for all kinds of stock, the straw also having unusually good feeding quality. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; 50 lbs., \$1.50; 100 lbs., \$2.50.

Korean Lespedeza

A new forage crop that has proven very useful farther south. It is able to endure drouth, heat and poor soil and still make excellent pasture. An annual legume. Showed up well in our trials for the past two years. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$1.50.

Sudan Grass

The most productive and fastest growing of annual forage plants. Hay is of best quality for every kind of stock. Can be cut several times in a favorable year. Do not sow before June first. Lb., postpaid, 20c. F. O. B. here, 10 lbs., 45c; 50 lbs., \$3.00; 100 lbs., \$5.00.

Soy Beans

The early sorts are giving fair results in parts of the Northwest, and the hay produced by any variety is highly valuable. We have several of the extra early sorts including **WISCONSIN BLACK, MINNSOY, HARBARO**, etc. Orders will be filled from the sorts specified or from the nearest substitute we have, unless otherwise instructed. Postpaid, lb., 25c. F. O. B. here, 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.50.

Early Amber Cane

Earliest and most widely used of all the sweet sorghums for planting in the Northwest. Excellent both for silage and roughage. Price lb., postpaid, 15c. F. O. B. here, 10 lbs., 40c; 50 lbs., \$2.25; 100 lbs., \$4.00.

GREAT PLAINS DAKOTA AMBER. This is an extra good selection of Dakota Amber, early, high producing and suitable for syrup. Lb., postpaid, 25c. F. O. B. here, 10 lbs., 50c; 50 lbs., \$2.00; 100 lbs., \$3.50.

LOW PRUSSIC ACID CANE. A new development from South Dakota. The dangerous poisonous quality has been almost bred out of this strain. In addition it is early and very productive. Postpaid, lb., 25c. F. O. B. here, 10 lbs., 50c; 50 lbs., \$2.00; 100 lbs., \$3.75.

Sooner Milo

One of the newer grain sorghums which we have been watching in our trials. With us it has been the earliest and surest, in addition it has produced nearly twice as much growth as any other extra early sorghum. Lb., 15c, postpaid. F. O. B. here, 10 lbs., 50c; 50 lbs., \$2.25; 100 lbs., \$4.00.

DWARF ESSEX RAPE

Sow 6 to 10 lbs. per acre.

Very popular for hog and sheep pasture where soil is good and fairly well watered. Keeps growing out as it is eaten off and is not easily damaged by frost. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 50 lbs., \$6.50; 100 lbs., \$12.00.

PIONEER BRAND FIELD PEAS

NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS. Field Peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or Spring rye. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 80c; 50 lbs., \$3.00; 100 lbs., \$5.00.

WHITE MARROWFAT. Shorter than Canadian peas with a very large pea, also a bit later. A heavy yielder and a fine pea for human consumption. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; 50 lbs., \$4.00; 100 lbs., \$7.00.

PIONEER BRAND BUCKWHEAT

Sow ½ to 1 bushel per acre, or 25 to 50 lbs.

This is the variety commonly grown in the Northwest, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$2.60.

SUNFLOWER SEED

Valuable as a poultry and parrot food, as a food for human consumption often going under the name of Russian peanuts, and also for silage. Lb., 27c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 50 lbs., or more @ 10c.

NOTICE—These prices subject to change. Our blue price list issued once or twice each month gives latest prices and may be had on request. Write for prices on large lots.

NOTE ALSO THAT ALL PRICES INCLUDE COST OF SACKS.

We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds.

SEED OATS

GOPHER. Developed from the Kherson type.

These are perhaps the best all around oats for North Dakota today and increase in popularity each year. Very early and at the same time very heavy yielding. A product of the Minn. Experiment Station. Lb., 20c, postpaid. F. O. B. Bismarck, ½ bu., 25c; bu., 45c; larger lots @ 42c.

VICTORY. This is the standard mid-season oat and is of the Swedish Select type but somewhat improved. Very popular over the Northwest and a fine yielder. The grain is very plump and heavy. Lb., 20c, postpaid. F. O. B. Bismarck, ½ bu., 25c; bu., 45c; larger lots @ 42c.

SEED FLAX

BISON. This variety seems to be the most popular for several reasons. It is both wilt and rust resistant, it is large seeded and heavy yielding, very tall and bushy. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 60c; ½ bu., \$1.30; bu., \$2.50.

WALSH FLAX. Larger seed than Bison, 10 days earlier. Large boll, very strong straw. Resistant to wind and hoppers. Postpaid, lb., 35c; F. O. B. here, certified seed, bu., \$2.75.

CLEAN SEED FLAX. This is unpedigreed flax seed of good quality, suited for breaking planting. Lb., 30c, postpaid. F. O. B. Bismarck, ½ bu., \$1.20; bu., \$2.25.

SPELTZ OR EMMER

SEED SPELTZ or EMMER. This is the ordinary speltz grown throughout the state and without a pedigree. Fine horse, hog, poultry and cow feed. Lb., 20c, postpaid. F. O. B. Bismarck, bu. (40 lbs.), 60c; 100 lbs., \$1.40.

SEED BARLEY

WISCONSIN NO. 38. A heavy yielding 6 row malting barley with smooth beards. Lb., 20c, postpaid. F. O. B. here, ½ bu., 50c; 1 bu., 90c; larger lots @ 80c.

TREBL. This is perhaps our heaviest yielding barley and the best for feed purposes. It is a strong growing six row variety which is not suitable for malting. Lb., 20c, postpaid. F. O. B. Bismarck, ½ bu., 45c; bu., 75c.

WRITE FOR PRICES ON CERTIFIED SEED GRAIN OF ANY SORT

PIONEER BRAND CLOVER SEED

WHITE DUTCH or LAWN CLOVER. White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is **universally used for lawns**, either alone or in combination with grasses. For lawn use seed 1 lb. to 300 square feet or mix with grass seed at the rate of 1 lb. to 5 lbs. of grass seed. Postpaid, 1 lb., \$1.00. F. O. B. Bismarck, 5 lbs., \$4.50; 10 lbs. or more @ 80c.

MEDIUM and MAMMOTH RED CLOVER. While we have hesitated about advocating the Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and

SEED WHEAT

BRANDON NO. 123. This wheat has been grown for us here for two years and has shown itself to be both very rust resistant and very high yielding. It has also succeeded exceptionally well in other plantings in the northern part of the state. F. O. B. here, 10 lbs., 40c; ½ bu., 80c; bu., \$1.50.

THATCHER. The new rust resistant wheat from the Minnesota Experiment Station which did so well the past two seasons. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; ½ bu., 65c; bu., \$1.20.

KUBANKA or MINDUM DURUM. The two best durum or macaroni wheat varieties. Rust resistant and high yielding both grade amber durum. If unable to supply both we shall send the one in stock unless otherwise instructed. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 40c; ½ bu., 70c; bu., \$1.20.

RED DURUM. The rust-proof, heavy yielding durum that is used entirely for feed. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 30c; ½ bu., 55c; bu., \$1.00.

PROLIFIC SPRING RYE

This is a new spring rye which very much out-yields the common sort, supply is limited and hard to locate. A very large type. Lb., 30c, postpaid. F. O. B. Bismarck, ½ bu., 50c; bu., 90c; larger lots @ 80c.

NORTH DAKOTA SPRING SEED RYE. First quality North Dakota grown seed rye of high purity and germination. Spring rye is scarce and hard to find. Lb., 25c, postpaid. F. O. B. Bismarck, ½ bu., 45c; bu., 80c; larger lots @ 75c.

eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Lb., 60c, postpaid. F. O. B. here, 10 lbs., \$3.50; larger lots @ 30c.

ALSIKE or SWEDISH CLOVER. This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. 1 lb., 50c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.75; larger lots @ \$32.00.

WILL'S PIONEER BRAND GRASS SEED

DIRECTIONS FOR MAKING LAWNS

The seed bed should be spaded or plowed to a depth of 6 or 7 in. All lumps should be broken up, the surface smoothed with rake or plank and well firmed. Sow evenly on a quiet day, rake in well and roll if possible. Use seed at the rate of 1 lb. per 200 square ft. If possible water thoroughly at once. Good loam soil is best, for the finest lawn black dirt may be spread several inches thick but a good turf of the harder varieties does not require it.

Our Emerald Mixture should be used for the best lawns where water is available.

Red Top and Chewings Fescue are adapted to shady spots.

For a little harder conditions but where some watering is possible, use our Dakota Mixture.

For a good looking dry land lawn, farm yard or large public grounds use Buffalo Grass Stolons or Fairway Crested Wheat Grass.

Do not permit the watered lawn to dry out at all until the grass is well up.
Fertilize from year to year as indicated by the condition of the lawn.

We shall be glad to give advice and make up special mixtures for airports, parks, public school grounds, football fields, etc.



N. D. Capitol

WILL'S DAKOTA LAWN MIXTURE

This is a utility mixture for those who do not wish to give the necessary care and attention for the fine lawn and yet want a nice appearing grass plot around the house, also useful for street boulevards and large public building grounds. Made up of coarser and harder grasses, it still requires some water. Clover may be used with it to advantage. Postpaid, 1 lb., 38c. F. O. B. here, 5 lbs., \$1.20; 10 lbs., \$2.20; 50 lbs. or more @ 21c.

CHEWINGS FESCUE

The best Shady Place grass we have found. American grass. As ob-served by us at Saskatoon recently this makes the very closest, finest velvety turf we have ever seen. Absolutely cold resistant but needs lots of water and care. Lb., postpaid, 90c. F. O. B. Bismarck, 5 lbs., \$4.00; 10 lbs., \$7.50. Larger lots @ 70c.

BUFFALO GRASS PLANTS

This native grass is undoubtedly the most perfect lawn grass for dry conditions in existence. It spreads by means of runners, throws up no tall stalks, but produces a dense mat on the ground—the bent grass of the plains. We list this grass by the 100 rooted plants which resemble strawberry plants and are handled in just the same way. The seed is very hard to collect and can be obtained only in very limited amounts. The plants are set out from 6 to 15 inches apart each way. In one season the whole area should fill in. Needs practically no mowing. Per 100 plants postpaid, 65c (enough for 140 sq. ft.); 500, \$3.00; F. O. B. here, 1000, \$5.00. Seed, oz. postpaid, 60c.



A Buffalo Grass Lawn

FAIRWAY CRESTED WHEAT GRASS

This strain developed at the Saskatchewan Experiment Station answers very well for large lawn areas, public grounds, parks, football fields, etc. It is a fine grass, stands cutting well, keeps green late. Is a trifle bunchy.

Also a very good hay and forage plant. Heavier yielding and longer than the Standard Strain, yet in a dry year it may not yield quite as much. Lb., postpaid, 40c. F. O. B. here, 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.50; 100 lbs., \$15.00.

Use VIGORO on YOUR LAWNS.

EMERALD LAWN

Registered U. S. Patent Office. We include no white clover but can supply it to those desiring it at prices shown on page 52.

The Emerald Mixture has been planted in North Dakota and the Northwest for 40 years, and beautiful lawns throughout the Northwest testify to its excellence.

This mixture contains no coarse seeds and is composed of the best varieties of the very best quality obtainable. Kentucky blue grass is the foundation of the mixture.

EMERALD is the finest and best mixture for the lawn that can receive proper care; accept no substitute for it. Postpaid, 1 lb., 40c. F. O. B. here, 5 lbs., \$1.25; 10 lbs., \$2.30; 50 lbs. or more @ 22c.

KENTUCKY BLUE GRASS

The foundation of hardy lawn grass. We handle nothing but the fancy, clean seed. 1 lb., 45c, postpaid. F. O. B. here, 5 lbs., \$1.35; 10 lbs., \$2.50; 50 lbs. or more @ 24c.

RED TOP OR HERD'S GRASS

Useful in the Northwest principally for seeding shady spots, slough beds, basins, and any place where the water may stand at times. Lb., 30c, postpaid. F. O. B. here, 10 lbs., \$2.00; larger lots @ 19c.

CREEPING BENT GRASS SEED

This is very popular for lawn grass purposes and makes a wonderful lawn after it is once established. Must be planted and tended very carefully until it has made a small growth. Requires lots of water. Lb., postpaid, \$1.00; F. O. B. here, 5 lbs., \$4.00; larger lots @ 75c.

Grass, Clover and Alfalfa Prices Subject to Change Without Notice—Value Sent If Prices Are Higher—Sacks Included in Prices



Crested Wheat Grass.

Grasses

STANDARD CRESTED WHEAT GRASS. The hardiest and most drouth resistant grass yet discovered. Introduced by the Department of Agriculture and especially well tested and recommended after years of work by the Dickinson sub-experiment station under the direction of Mr. Moomaw. Also carefully tested and very favorably reported upon by the U. S. Northern Great Plains Field Station at Mandan. The outstanding variety for the Great Plains. Postpaid, 1 lb., 35c; F. O. B. here, 5 lbs., 90c; 10 lbs., \$1.60; 100 lbs., \$15.00.

WESTERN WHEAT GRASS (*agropyron smithii*). The most famous grass of the Great Plains region. Listed by us last year and we can still offer seed from a crop of good germination which comes only occasionally. Valuable mainly both for permanent seeding down for pasture and hay. Lb., postpaid, 35c. F. O. B. Bismarck, 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$14.00.

BROME GRASS—BROMUS INERMIS (Austrian or Russian). Brome Grass is an exceedingly valuable pasture grass, especially for early Spring and late Fall. 1 lb., 35c, postpaid. F. O. B. here, 5 lbs., 90c; 10 lbs., \$1.60; 100 lbs., \$15.00.

WESTERN RYE OR SLENDER WHEAT GRASS. Hardy, drought resistant, of good quality, a native variety. It stands cutting better than the brome and hay is of better quality. Becomes sod bound quickly. Postpaid, lb., 30c. F. O. B. here, 5 lbs., 80c; 10 lbs., \$1.50; 100 lbs., \$14.00.

REED CANARY GRASS OR PHALARIS. This is a native of the low flooded sections of our Missouri River bottom lands and the sloughs of Minnesota. Will not stand heavy alkali. The best grass for wet spots that we have. Lb., postpaid, 50c. F. O. B. here, 5 lbs., \$1.50; 10 lbs., \$2.60; 100 lbs., \$24.00.

GRAMA GRASS. The wonderful short grass of the upland prairies. Only occasionally does the seed germinate but we have a small supply of excellent seed. It is best scattered on the surface in the winter. Postpaid, 1 lb., \$1.25.

GREAT PLAINS PASTURE MIXTURE. This is an item for which there seems to be an increasing demand. The mixture which we list is one recommended by Dr. Hansen at the N. D. Experiment Station. It consists of 6 lbs. brome grass, 4 lbs. crested wheat grass, 5 lbs. slender wheat grass, 3 lbs. yellow blossom sweet clover. 18 lbs. or enough for 1 acre, \$2.75; 100 lbs., \$15.00.

PIONEER BRAND TIMOTHY SEED. We offer only northern grown Timothy seed which is from acclimated fields. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 50 lbs., \$3.50; 100 lbs., \$6.00.

MEADOW FESCUE OR ENGLISH BLUE GRASS. This grass is one of the hardiest grasses for the Northwest. It also withstands severe cold very well. Postpaid, 1 lb., 30c. F. O. B. here, 10 lbs., \$2.50; 25 lbs. or more @ 22c.

Sweet Clover

ALPHA SWEET CLOVER—With the Good Qualities of Alfalfa. Another product of the Saskatchewan Experiment Station. Seems to combine the characteristics of both alfalfa and sweet clover, has many fine stems, is very leafy, more palatable than sweet clover. Possibly an alfalfa-sweet clover cross. Postpaid, lb., 35c. F. O. B. Bismarck, 5 lbs., \$1.20; 10 lbs., \$2.00; larger lots @ 18c.

HUBAM ANNUAL. This is a white sweet clover that may be planted in April and will mature and make seed the first year. A one year crop like Millet but may be planted much earlier. Postpaid, lb., 30c; F. O. B. here, 10 lbs., \$2.00; larger lots @ 16c.

YELLOW BLOSSOM SWEET CLOVER SEED. Outside the lower and heavier soil sections of the Northwest the Yellow Blossom variety seems to

be better adapted than the white. Its advantages over the higher and drier sections are greater hardiness as regards a combination of cold and drought, finer quality of hay, a crown like alfalfa so that it may be cut as close to the ground as one wishes. We have a wonderfully fine stock of seed. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; 100 lbs., \$8.00.

WHITE BLOSSOM BIENNIAL. The Tall, Late Sort that is in greatest demand if you wish to sell seed. This is the only kind used in Iowa and Illinois where 90 per cent of the seed from the Northwest is sold. Must be cut high for hay as it grows from the bases of the branches. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 80c; 100 lbs., \$7.50.

MIXED SWEET. Perfectly good seed for sowing anywhere, but cannot pass as either pure yellow or white. F. O. B. here, 10 lbs., 75c; 100 lbs., \$7.00.

Pioneer Brand Alfalfa Seed

NORTHWESTERN GROWN VARIEGATED ALFALFA. The fact has become pretty well established that only the strains of alfalfa with variegated flowers are hardy in the Northwest. Such strains are Grimm, Cossack, Ladak, etc. The seed which we offer under this head is seed from fields

with variegated bloom. The mere fact of hardiness and variegated blossom prove that it belongs to one of the hardy strains. Lb., 55c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.25; 100 lbs., \$28.00.

REGISTERED AND CERTIFIED GRIMM. Officially sealed and tagged. This is officially registered and certified seed from fields of Grimm which have been officially inspected and the seed officially graded, and whose pedigree is on file with a history of the field in the office of state authorities. Grimm still remains the favorite for hardiness and yield. If you wish to sell your seed at a premium, plant this seed. Blue tag, lb., 65c, postpaid. F. O. B. here, 10 lbs., \$4.00; 100 lbs., \$35.00.

LADAK is a variety originated in the very high mountainous sections of India. It has proved under Northwestern and Great Plains conditions, to be the hardiest, most drouth resistant and heaviest yielding variety so far known. In addition it has considerable wilt resistance. The supply is very limited. We refer you to articles in the Country Gentleman and other agricultural publications for further information. A very short crop. Price, 1 lb., postpaid, 70c. F. O. B. here, 5 lbs., \$2.25; larger lots @ 42c.

COSSACK. Another extra hardy, variegated variety, adapted particularly to heavy clay soil. Postpaid, lb., 55c; 10 lbs., \$3.50; 100 lbs., \$30.00.

NORTHWESTERN, SECOND GRADE. This is seed of less handsome appearance and not as high purity and germination as the best, but very satisfactory if seeded a little heavier. Supply limited. F. O. B. here, 100 lbs., \$20.00.

GREENHOUSE PLANTS and BULBS



Cut Flowers and Blooming Plants at all times.

Delivery any time—anywhere, satisfaction guaranteed.

(The N. D. Sales Tax applies on all greenhouse products except vegetable plants.)

FERNS

The finest of these ornamental plants. Boston (Sword). Whitman (Crested). Asp. Plumosus (Lace). A. Sprengeri (Feather). Baby's Tears. F. O. B. Bismarck, 3 inch, 25c; 4 in., 50c; 6 in., \$1.50. Postpaid 3 inch, 35c; 4 inch, 65c. Also Sansevieras, Philly Vines, Palms, Pepperomias, etc. Write for prices on these house plants.

FLOWERING PLANTS in bloom and bud for Memorial Day and also for window boxes and bedding. **GERANIUMS.** Strong large plants from 4-inch pots. Irvington Beauty—Rose pink. Red Barney—Best bright red. La-Favorite — Double white. Improved Poitevine — Shrimp pink. 38c each; 3 for \$1.00; 12, \$3.75, postpaid. F. O. B. Bismarck, 30c each; 3 for 85c; 12, \$3.00.



Geranium

O. B. here, 20c each; \$2.00 per dozen.

WILL'S GIANT PANSIES. Sturdy free blooming transplants with mammoth blooms. Postpaid, 55c per doz.; \$3.50 per 100. F. O. B. Bismarck, 40c per doz.; 50 for \$1.50 and 100 for \$2.75.

DOUBLE PETUNIAS.

All shades. Real beauties. Strong plants from 3 inch pots. Postpaid, 25c ea.; \$2.50 doz. F. O. B. Bismarck, 20c ea.; \$2.00 doz.



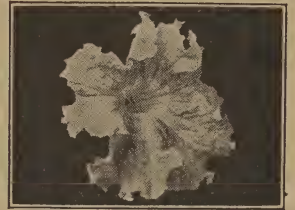
Double Petunia

SINGLE PETUNIAS.

Our leading flower for bedding, porch boxes, etc. Diener's Blue. Silky blue semi-dwarf. Ruffled Monsters in assorted colors. Celestial Rose. A rich rose pink. Postpaid, 20c ea.; \$2.00 doz. F. O. B. Bismarck, 15c ea.; 2 for 25c; \$1.40 doz.



Giant Pansy



Single Ruffled Petunia

MISCELLANEOUS GENERAL BEDDING PLANTS. From 3 Inch Pots

AGERATUM, COLEUS, LOBELIAS (Dwarf and Trailing), **SALVIA** (Scarlet Sage), **SNAPDRAGON**, **SWEET ALYSSUM** and **VERBENA**. Postpaid, 20c; \$2.00 doz. F. O. B. Bismarck, 15c ea.; 2 for 25c; \$1.40 per doz.

From 4-inch pots:

BEGONIAS. Everblooming type. Pink and red.

CANNA PLANTS. Strong plants of all varieties listed on next page. Postpaid, 38c ea.; 3 for \$1.00; 12 for \$3.75. F. O. B. here, 30c ea.; 3 for 85c; doz., \$3.00.

VINES FOR WINDOW BOXES. Hahn's Branching English Ivy, German Ivy, Vinca Vines. Dark green and Variegated. From 3 in. pots. Postpaid, 25c ea.; \$2.50 doz. F. O. B. Bismarck, 20c ea.; \$2.00 doz.



WATER PLANTS. For Pool or Tub Culture

Best Varieties. Shipments after May first only. Free Cultural Directions. All prices delivered.

HARDY WATER LILIES. Comanche—Red-bronze. Marillac—White.

M. Yellow and Rose Arcy—Deep pink. 75c each; 4 for \$2.65.

WATER PLANTS, WATER HYACINTHS (Lilac bloom), **WATER**

POPPY (Yellow flower), **WATER LETTUCE** (Shell flower).

2 for 25c; 6 for 60c.

TRANSPLANTED BEDDING PLANTS

35c per doz.; 50 for \$1.15; \$2.00 per 100. Postpaid delivery price, 45c per doz.; \$2.75 per 100.

ASTERS. Wilt-resistant strains. Pink, lavender, purple and red.

SNAPDRAGON. All shades.

AGERATUM. Light blue for borders.

WILL'S FALL PERENNIAL AND BULB LIST OUT AUGUST 1st. Ask for your copy.

VEGETABLE PLANTS

Our vegetable plants are all transplanted widely to insure vigorous and stocky plants with well-developed roots to make rapid strides in your garden. We use the finest grade seed of the newer varieties selected from our list for Northwestern gardeners. No special sorts supplied. Priced low considering the top quality.

Our Potted Plants are grown in three-inch pots, developing compact individual root systems for earlier fruiting and maturity.

We guarantee satisfactory arrival of every shipment or a friendly replacement.



Transplanted Cabbage Plants



Potted Tomato Plant

No Sales Tax on Vegetable Plants.

	POSTPAID			F.O.B. BISMARCK BY EXPRESS			
	12	50	100	12	50	100	1000
CABBAGE. Early Transplanted.....	\$0.35	\$1.15	\$2.00	\$0.25	\$0.85	\$1.50	\$12.50
CABBAGE. Late Transplanted.....	.35	1.15	2.00	.25	.85	1.50	12.50
CAULIFLOWER. Transplanted.....	.40	1.25	2.25	.30	1.00	1.75	15.00
CELERY. Trans. Self-Blanching.....	.40	1.25	2.25	.30	1.00	1.75	15.00
EGG PLANT. Trans. Early.....	.50	1.60	2.85	.40	1.35	2.50	....
PEPPERS. Sweet Transplanted.....	.45	1.40	2.40	.35	1.15	2.00	....
PEPPERS. Sweet Potted.....	1.00	3.25	...	.75	2.75	4.75	....
GROUND CHERRY. Transplanted.....	.45	1.40	2.40	.35	1.15	2.00	....
GROUND CHERRY. Potted.....	1.00	3.25	...	.75	2.75	4.75	....
TOMATOES. Transplanted.....	.45	1.40	2.40	.35	1.15	2.00	17.00
TOMATOES. Potted.....	1.00	3.25	...	.75	2.75	4.75	....
TOMATOES. Fargo Yellow Pear.....	.45	1.40	2.40	.35	1.15	2.00	....
SWEET POTATO PLANTS.....	.35	1.15	2.00	.25	.85	1.50	12.50

Will's Pioneer Dahlias

We offer below for 1940 a choice selection of the better Dahlias, both newer varieties and the older favorites. No summer flower out ranks these for charm and color while being of easy culture and nearly insect proof.

The size of the tuber makes very little difference—some of the finest sorts have very small tubers.

Each of Will's Dahlias is stamped with variety number to prevent mixing. All packed separately in sawdust and wrapped in parchment paper to reach you in best possible condition. Free cultural directions.

ALL BULBS PRICED
DELIVERED



Jane Cowl

Remember our slogan "Our bulbs must make good or we will."

MINA BURGLE. (Decorative type.) Mammoth Poinsettia red blooms. Our best selling variety. Postpaid 21c each; 3 for 54c.

LIBELLE. A very beautiful cactus type of Royal Purple. Postpaid 18c each; 3 for 47c.

JERSEY BEAUTY. (Dec.) Large perfect clear pink blooms. Another "must have" for your garden. Postpaid 32c each; 3 for 85c.

JANE COWL. (Dec.) Large bronzy buff and salmon blooms. (See cut.) Postpaid 27c each; 3 for 70c.

ATLANTIC OCEAN. (Dec.) A fine clear yellow. Postpaid 21c each; 3 for 54c.

PURITY. (Dec.) Attractive pure white. Many blossoms. Postpaid 18c each; 3 for 47c.



Capital Mixture

GARDEN CHARM DAHLIA COLLECTION

One tuber each of these six exquisite Dahlias above, retail price \$1.37 for \$1.00. 3 collections \$2.75. Delivered.

CAPITAL DAHLIA MIXTURE

Greater value than ever in this, our very popular mixture of all types and colors of Dahlias. Guaranteed to please you. 6 tubers for 50c; 12 for 90c. Delivered.

Our Bulbs Must Make
Good or We Will

CANNA BULBS

Complete cultural directions with each order.

These stand at the head of all bedding plants where a massed effect is desired. Growing in popularity. Strong dormant roots. Each, 15c; 2 for 25c; \$1.25 per dozen, delivered.

KING HUMBERT. 4-5 ft. tall. This gold-medal Canna is the favorite today. Orange-scarlet flowers. Bronze foliage.

MRS. ALFRED CONARD. 4 feet. Exquisitely shaded salmon-pink blooms in profusion. Green foliage.

KING MIDAS. 4-5 ft. Clear yellow with green leaves. The finest and largest yellow in existence.

THE PRESIDENT. 3-4 ft. Rich glowing scarlet blooms of great size, green foliage.

CANNA PLANTS. See under "Bedding Plants" on page 55.

MADEIRA VINE BULBS

Large dry bulbs of this popular fast growing climber. Light green foliage. Postpaid 12c each; 3 for 30c; \$1.00 per dozen.



Canna

GLADIOLUS FOR 1940

Should be The Leaders in Every Garden. Our offerings include many world-wide favorites and new beauties of varied types and colors.

YOU—YOU—Should make their acquaintance in your own garden. Large (1st size), vigorous and clean. Priced delivered.

OUR BULBS MUST
MAKE GOOD OR WE WILL

6 at dozen prices
and 36 or more at hundred rates.

(Complete cultural directions with every order.)



Gladiolus

\$1.00 ARISTOCRAT GLAD OFFER \$1.00

(Picture on inside back cover)
For over 10 years the greatest of Gladiolus values. A glorious assembly of the finer colors, types and varieties, such as Talaroa, Smiling Maestro, Picardy, Coronation and sixteen others of equal class to merit your approval in your 1940 garden. One Large (No. 1) bulb of each of the twenty Beauties shown by an "A" below. Separately bagged and labeled. We are pleased to offer these twenty bulbs, a \$1.66 value, in this collection for \$1.00; 3 offers for \$2.75, delivered.

RED

- "A" **LUCIFER**. Bright orange-red. Crimson blotch. 9-11 large flowers. 3, 24c; 12, 72c; \$5.00 per 100.
 "A" **RECOVERY**. Tall salmon-rose, overlaid red. ★ Many large blooms. A "must-have" for your garden. 3, 24c; 12, 72c; \$5.00 per 100.
 "A" **BILL SOWDEN**. Very large deep red. Distinctive. 3, 24c; 12, 72c; \$5.00 per 100.
 "A" **EXCELLENCE**. A gorgeous rich red. Tall with large flowers which do not fade. 3, 17c; 12, 51c; 100 for \$3.50.
 "A" **RED LORY**. A striking rose-red, deeper blotch. Very many open. 3, 24c; 12, 72c; \$5.00 per 100.

WHITE

- "A" **MAID OF ORLEANS**. Milky-white, darker throat. A favorite. 3, 17c; 12, 51c; 100 for \$3.50.
 "A" **POLAR ICE**. The largest early pure white. 3, 24c; 12, 72c; \$5.00 per 100.
 ★ **TREVONIAN**. Immense spikes of large white flowers. Splashed rosy red on edges of petals. A beauty at 3 for 24c; 12, 72c; \$5.00 per 100.

YELLOW—BUFF—ORANGE

- "A" **GOLDEN LANCER**. The wonder soft yellow which harmonizes or contrasts perfectly. Pinard yellow, delicate throat lines of rose red. Large florets. 4-6 open on long spikes. 12c each; 3, 24c; 12, 72c; \$5.00 per 100.
 "A" **LA PALOMA**. Vivid orange Prim grandiflora. Very early. 3, 17c; 12, 51c; \$3.50 per 100.
 Mrs. S. A. ERREY. Very large orange. A prize-winner. 3, 24c; 12, 72c; \$5.00 per 100.
 ★ **VAGABOND PRINCE**. Our leader for 1940. Iridescent garnet brown, glowing scarlet blotch. Eight or more open. Cut when first open. 25c each; 3 for 65c; \$1.95 per dozen.

★ WILL'S FIVE STAR COLLECTION ★ OF GLADIOLUS BEAUTIES

- 10 Recovery. Red.
 10 Picardy. Salmon.
 10 Polar Ice. White.
 10 Bagdad. Smoky.
 10 Minuet. Lavender.
 50 Large bulbs. Lovely
 for group planting and for Cut Flowers.

These fifty bulbs, separately packed, a \$2.75 value, for \$2.00, delivered.

all for \$2.00

- "A" **WASAGA**. Clear glowing buff, good spike. Beautiful. 3, 17c; 12, 51c; \$3.50 per 100.
 "A" **PRIMROSE PRINCESS**. A fine Primrose yellow. Long flower head. Excellent. 3, 24c; 12, 72c; \$5.00 per 100.

PINK

- "A" **TALAROA**. Large salmon pink, flaked slate, rose blotch in throat. Outstanding New Zealand sort. 15c each; 3 for 40c; 12 for \$1.20.
 "A" **CORONATION**. Soft light salmon, shading lighter. Many large well-placed blooms. 3 for 24c; 12 for 72c.
 "A" **PICARDY**. Still the most popular Glad in the ★ world. Immense soft shrimp-pink. 3 for 17c; 51c per dozen. Special 100 offer at \$2.90.
 "A" **DUNA**. Light pink and buff. New and different. 3 for 17c; 12 for 51c; 100 for \$3.50.
 "A" **SMILING MAESTRO**. Deep salmon rose. 6-8 immense blooms open. Excellent placement. 15c each; 3 for 40c; \$1.20 doz.
 "A" **DEBONAIR**. Light pink. Creamy throat, blotch. Many large blooms. 3, 24c; 12, 72c; \$5.00 per 100.

SMOKY

- "A" **MARMORA**. Gigantic smoky lavender rose throat. Many large blooms open. 3, 17c; 12, 51c; \$3.50 per 100.
 ★ **BAGDAD**. A magnificent smoky old rose. 3, 17c; 12, 51c.

LAVENDER AND BLUE

- "A" **MINUET**. Large light lavender, still a favorite. 3, 17c; 12, 51c; 100 for \$3.50.
 "A" **VEILCHENBLAU**. One of the best blues. A satisfactory "standard." 3 for 24c; 12, 72c; 100 for \$5.00.

PIONEER GLADIOLUS COLLECTION

Better than ever this remarkable collection of Glads of assorted colors, types and blooming seasons is sure to please every gardener. Made up of large clean young bulbs of the better sorts. Lovely for cutting. 12 for 30c; 45 for \$1.00; 100 for \$2.00 and 1,000 for \$17.00, delivered. DON'T OVERLOOK THIS BARGAIN.

Pioneer Nursery of the Northwest

BISMARCK NURSERY (ESTABLISHED 1882)

Oldest Nursery in North Dakota—Member American Association of Nurserymen

NOTICE TO CUSTOMERS: READ CAREFULLY. We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

REPLACEMENT. If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

CURRENTS AND GOOSEBERRIES are subject to certain restrictions in countries where 5-leaved pines grow, and we do not ship into such territory.

TREES BY MAIL. We can ship parcels up to 70 pounds. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

FALL PLANTING. Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special Fall Price List. Can also supply trees, shrubs, etc., at current catalog prices in Fall.

PLANTING INSTRUCTIONS. Complete planting instructions will be enclosed with each order of nursery stock when shipped.

SHIPPING. Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship. Prices are F. O. B. here, customers paying transportation unless postpaid prices are definitely quoted.

CANADIAN ORDERS must go by freight or express, and must be received by us before May 1st. Permit number must accompany order.

VISITORS WELCOME. We are always glad to conduct you personally through our nurseries. Call at office on Fourth street, or go south on Seventh street, which will bring you into the nurseries.

CERTIFICATE OF EXAMINATION. Our nurseries are inspected annually by the State Horticulturist and his certificate accompanies each shipment.

NORTH DAKOTA CUSTOMERS MUST PAY 2% SALES TAX ON NURSERY STOCK

HARDY EVERGREENS for the NORTHWEST

BALLED &
BURLAPPED STOCK

BLACK HILLS

SPRUCE (*Picea Albertiana*). Perhaps our most valuable evergreen for general planting in the Great Plains. The 30 ft. high shelter belt in the photo stands at the U. S. Great Plains Field Station at Mandan. Drought resistant, cold resistant, sturdy and outstandingly ornamental is this grand tree. Price: 12 to 18 in., \$1.00; 18 to 24 in., \$1.50; 24 to 30 in., \$2.00; 30 to 36 in., \$2.50; 36 to 42 in., \$3.00; 42 to 48 in., \$3.50; 48 to 54 in., \$4.00; 54 to 60 in., \$4.50; 60 to 66 in., \$5.00; 66 to 72 in., \$5.50; 72 to 78 in., \$6.00; 78 to 84 in., \$6.50; 84 to 90 in., \$7.00; 90 to 96 in., \$7.50; 96 to 102 in., \$8.00; 102 to 108 in., \$8.50; 108 to 114 in., \$9.00; 114 to 120 in., \$9.50; 120 to 126 in., \$10.00; 126 to 132 in., \$10.50; 132 to 138 in., \$11.00; 138 to 144 in., \$11.50; 144 to 150 in., \$12.00; 150 to 156 in., \$12.50; 156 to 162 in., \$13.00; 162 to 168 in., \$13.50; 168 to 174 in., \$14.00; 174 to 180 in., \$14.50; 180 to 186 in., \$15.00; 186 to 192 in., \$15.50; 192 to 198 in., \$16.00; 198 to 204 in., \$16.50; 204 to 210 in., \$17.00; 210 to 216 in., \$17.50; 216 to 222 in., \$18.00; 222 to 228 in., \$18.50; 228 to 234 in., \$19.00; 234 to 240 in., \$19.50; 240 to 246 in., \$20.00; 246 to 252 in., \$20.50; 252 to 258 in., \$21.00; 258 to 264 in., \$21.50; 264 to 270 in., \$22.00; 270 to 276 in., \$22.50; 276 to 282 in., \$23.00; 282 to 288 in., \$23.50; 288 to 294 in., \$24.00; 294 to 300 in., \$24.50; 300 to 306 in., \$25.00; 306 to 312 in., \$25.50; 312 to 318 in., \$26.00; 318 to 324 in., \$26.50; 324 to 330 in., \$27.00; 330 to 336 in., \$27.50; 336 to 342 in., \$28.00; 342 to 348 in., \$28.50; 348 to 354 in., \$29.00; 354 to 360 in., \$29.50; 360 to 366 in., \$30.00; 366 to 372 in., \$30.50; 372 to 378 in., \$31.00; 378 to 384 in., \$31.50; 384 to 390 in., \$32.00; 390 to 396 in., \$32.50; 396 to 402 in., \$33.00; 402 to 408 in., \$33.50; 408 to 414 in., \$34.00; 414 to 420 in., \$34.50; 420 to 426 in., \$35.00; 426 to 432 in., \$35.50; 432 to 438 in., \$36.00; 438 to 444 in., \$36.50; 444 to 450 in., \$37.00; 450 to 456 in., \$37.50; 456 to 462 in., \$38.00; 462 to 468 in., \$38.50; 468 to 474 in., \$39.00; 474 to 480 in., \$39.50; 480 to 486 in., \$40.00; 486 to 492 in., \$40.50; 492 to 498 in., \$41.00; 498 to 504 in., \$41.50; 504 to 510 in., \$42.00; 510 to 516 in., \$42.50; 516 to 522 in., \$43.00; 522 to 528 in., \$43.50; 528 to 534 in., \$44.00; 534 to 540 in., \$44.50; 540 to 546 in., \$45.00; 546 to 552 in., \$45.50; 552 to 558 in., \$46.00; 558 to 564 in., \$46.50; 564 to 570 in., \$47.00; 570 to 576 in., \$47.50; 576 to 582 in., \$48.00; 582 to 588 in., \$48.50; 588 to 594 in., \$49.00; 594 to 600 in., \$49.50; 600 to 606 in., \$50.00; 606 to 612 in., \$50.50; 612 to 618 in., \$51.00; 618 to 624 in., \$51.50; 624 to 630 in., \$52.00; 630 to 636 in., \$52.50; 636 to 642 in., \$53.00; 642 to 648 in., \$53.50; 648 to 654 in., \$54.00; 654 to 660 in., \$54.50; 660 to 666 in., \$55.00; 666 to 672 in., \$55.50; 672 to 678 in., \$56.00; 678 to 684 in., \$56.50; 684 to 690 in., \$57.00; 690 to 696 in., \$57.50; 696 to 702 in., \$58.00; 702 to 708 in., \$58.50; 708 to 714 in., \$59.00; 714 to 720 in., \$59.50; 720 to 726 in., \$60.00; 726 to 732 in., \$60.50; 732 to 738 in., \$61.00; 738 to 744 in., \$61.50; 744 to 750 in., \$62.00; 750 to 756 in., \$62.50; 756 to 762 in., \$63.00; 762 to 768 in., \$63.50; 768 to 774 in., \$64.00; 774 to 780 in., \$64.50; 780 to 786 in., \$65.00; 786 to 792 in., \$65.50; 792 to 798 in., \$66.00; 798 to 804 in., \$66.50; 804 to 810 in., \$67.00; 810 to 816 in., \$67.50; 816 to 822 in., \$68.00; 822 to 828 in., \$68.50; 828 to 834 in., \$69.00; 834 to 840 in., \$69.50; 840 to 846 in., \$70.00; 846 to 852 in., \$70.50; 852 to 858 in., \$71.00; 858 to 864 in., \$71.50; 864 to 870 in., \$72.00; 870 to 876 in., \$72.50; 876 to 882 in., \$73.00; 882 to 888 in., \$73.50; 888 to 894 in., \$74.00; 894 to 900 in., \$74.50; 900 to 906 in., \$75.00; 906 to 912 in., \$75.50; 912 to 918 in., \$76.00; 918 to 924 in., \$76.50; 924 to 930 in., \$77.00; 930 to 936 in., \$77.50; 936 to 942 in., \$78.00; 942 to 948 in., \$78.50; 948 to 954 in., \$79.00; 954 to 960 in., \$79.50; 960 to 966 in., \$80.00; 966 to 972 in., \$80.50; 972 to 978 in., \$81.00; 978 to 984 in., \$81.50; 984 to 990 in., \$82.00; 990 to 996 in., \$82.50; 996 to 1002 in., \$83.00; 1002 to 1008 in., \$83.50; 1008 to 1014 in., \$84.00; 1014 to 1020 in., \$84.50; 1020 to 1026 in., \$85.00; 1026 to 1032 in., \$85.50; 1032 to 1038 in., \$86.00; 1038 to 1044 in., \$86.50; 1044 to 1050 in., \$87.00; 1050 to 1056 in., \$87.50; 1056 to 1062 in., \$88.00; 1062 to 1068 in., \$88.50; 1068 to 1074 in., \$89.00; 1074 to 1080 in., \$89.50; 1080 to 1086 in., \$90.00; 1086 to 1092 in., \$90.50; 1092 to 1098 in., \$91.00; 1098 to 1104 in., \$91.50; 1104 to 1110 in., \$92.00; 1110 to 1116 in., \$92.50; 1116 to 1122 in., \$93.00; 1122 to 1128 in., \$93.50; 1128 to 1134 in., \$94.00; 1134 to 1140 in., \$94.50; 1140 to 1146 in., \$95.00; 1146 to 1152 in., \$95.50; 1152 to 1158 in., \$96.00; 1158 to 1164 in., \$96.50; 1164 to 1170 in., \$97.00; 1170 to 1176 in., \$97.50; 1176 to 1182 in., \$98.00; 1182 to 1188 in., \$98.50; 1188 to 1194 in., \$99.00; 1194 to 1200 in., \$99.50; 1200 to 1206 in., \$100.00; 1206 to 1212 in., \$100.50; 1212 to 1218 in., \$101.00; 1218 to 1224 in., \$101.50; 1224 to 1230 in., \$102.00; 1230 to 1236 in., \$102.50; 1236 to 1242 in., \$103.00; 1242 to 1248 in., \$103.50; 1248 to 1254 in., \$104.00; 1254 to 1260 in., \$104.50; 1260 to 1266 in., \$105.00; 1266 to 1272 in., \$105.50; 1272 to 1278 in., \$106.00; 1278 to 1284 in., \$106.50; 1284 to 1290 in., \$107.00; 1290 to 1296 in., \$107.50; 1296 to 1302 in., \$108.00; 1302 to 1308 in., \$108.50; 1308 to 1314 in., \$109.00; 1314 to 1320 in., \$109.50; 1320 to 1326 in., \$110.00; 1326 to 1332 in., \$110.50; 1332 to 1338 in., \$111.00; 1338 to 1344 in., \$111.50; 1344 to 1350 in., \$112.00; 1350 to 1356 in., \$112.50; 1356 to 1362 in., \$113.00; 1362 to 1368 in., \$113.50; 1368 to 1374 in., \$114.00; 1374 to 1380 in., \$114.50; 1380 to 1386 in., \$115.00; 1386 to 1392 in., \$115.50; 1392 to 1398 in., \$116.00; 1398 to 1404 in., \$116.50; 1404 to 1410 in., \$117.00; 1410 to 1416 in., \$117.50; 1416 to 1422 in., \$118.00; 1422 to 1428 in., \$118.50; 1428 to 1434 in., \$119.00; 1434 to 1440 in., \$119.50; 1440 to 1446 in., \$120.00; 1446 to 1452 in., \$120.50; 1452 to 1458 in., \$121.00; 1458 to 1464 in., \$121.50; 1464 to 1470 in., \$122.00; 1470 to 1476 in., \$122.50; 1476 to 1482 in., \$123.00; 1482 to 1488 in., \$123.50; 1488 to 1494 in., \$124.00; 1494 to 1500 in., \$124.50; 1500 to 1506 in., \$125.00; 1506 to 1512 in., \$125.50; 1512 to 1518 in., \$126.00; 1518 to 1524 in., \$126.50; 1524 to 1530 in., \$127.00; 1530 to 1536 in., \$127.50; 1536 to 1542 in., \$128.00; 1542 to 1548 in., \$128.50; 1548 to 1554 in., \$129.00; 1554 to 1560 in., \$129.50; 1560 to 1566 in., \$130.00; 1566 to 1572 in., \$130.50; 1572 to 1578 in., \$131.00; 1578 to 1584 in., \$131.50; 1584 to 1590 in., \$132.00; 1590 to 1596 in., \$132.50; 1596 to 1602 in., \$133.00; 1602 to 1608 in., \$133.50; 1608 to 1614 in., \$134.00; 1614 to 1620 in., \$134.50; 1620 to 1626 in., \$135.00; 1626 to 1632 in., \$135.50; 1632 to 1638 in., \$136.00; 1638 to 1644 in., \$136.50; 1644 to 1650 in., \$137.00; 1650 to 1656 in., \$137.50; 1656 to 1662 in., \$138.00; 1662 to 1668 in., \$138.50; 1668 to 1674 in., \$139.00; 1674 to 1680 in., \$139.50; 1680 to 1686 in., \$140.00; 1686 to 1692 in., \$140.50; 1692 to 1698 in., \$141.00; 1698 to 1704 in., \$141.50; 1704 to 1710 in., \$142.00; 1710 to 1716 in., \$142.50; 1716 to 1722 in., \$143.00; 1722 to 1728 in., \$143.50; 1728 to 1734 in., \$144.00; 1734 to 1740 in., \$144.50; 1740 to 1746 in., \$145.00; 1746 to 1752 in., \$145.50; 1752 to 1758 in., \$146.00; 1758 to 1764 in., \$146.50; 1764 to 1770 in., \$147.00; 1770 to 1776 in., \$147.50; 1776 to 1782 in., \$148.00; 1782 to 1788 in., \$148.50; 1788 to 1794 in., \$149.00; 1794 to 1800 in., \$149.50; 1800 to 1806 in., \$150.00; 1806 to 1812 in., \$150.50; 1812 to 1818 in., \$151.00; 1818 to 1824 in., \$151.50; 1824 to 1830 in., \$152.00; 1830 to 1836 in., \$152.50; 1836 to 1842 in., \$153.00; 1842 to 1848 in., \$153.50; 1848 to 1854 in., \$154.00; 1854 to 1860 in., \$154.50; 1860 to 1866 in., \$155.00; 1866 to 1872 in., \$155.50; 1872 to 1878 in., \$156.00; 1878 to 1884 in., \$156.50; 1884 to 1890 in., \$157.00; 1890 to 1896 in., \$157.50; 1896 to 1902 in., \$158.00; 1902 to 1908 in., \$158.50; 1908 to 1914 in., \$159.00; 1914 to 1920 in., \$159.50; 1920 to 1926 in., \$160.00; 1926 to 1932 in., \$160.50; 1932 to 1938 in., \$161.00; 1938 to 1944 in., \$161.50; 1944 to 1950 in., \$162.00; 1950 to 1956 in., \$162.50; 1956 to 1962 in., \$163.00; 1962 to 1968 in., \$163.50; 1968 to 1974 in., \$164.00; 1974 to 1980 in., \$164.50; 1980 to 1986 in., \$165.00; 1986 to 1992 in., \$165.50; 1992 to 1998 in., \$166.00; 1998 to 2004 in., \$166.50; 2004 to 2010 in., \$167.00; 2010 to 2016 in., \$167.50; 2016 to 2022 in., \$168.00; 2022 to 2028 in., \$168.50; 2028 to 2034 in., \$169.00; 2034 to 2040 in., \$169.50; 2040 to 2046 in., \$170.00; 2046 to 2052 in., \$170.50; 2052 to 2058 in., \$171.00; 2058 to 2064 in., \$171.50; 2064 to 2070 in., \$172.00; 2070 to 2076 in., \$172.50; 2076 to 2082 in., \$173.00; 2082 to 2088 in., \$173.50; 2088 to 2094 in., \$174.00; 2094 to 2100 in., \$174.50; 2100 to 2106 in., \$175.00; 2106 to 2112 in., \$175.50; 2112 to 2118 in., \$176.00; 2118 to 2124 in., \$176.50; 2124 to 2130 in., \$177.00; 2130 to 2136 in., \$177.50; 2136 to 2142 in., \$178.00; 2142 to 2148 in., \$178.50; 2148 to 2154 in., \$179.00; 2154 to 2160 in., \$179.50; 2160 to 2166 in., \$180.00; 2166 to 2172 in., \$180.50; 2172 to 2178 in., \$181.00; 2178 to 2184 in., \$181.50; 2184 to 2190 in., \$182.00; 2190 to 2196 in., \$182.50; 2196 to 2202 in., \$183.00; 2202 to 2208 in., \$183.50; 2208 to 2214 in., \$184.00; 2214 to 2220 in., \$184.50; 2220 to 2226 in., \$185.00; 2226 to 2232 in., \$185.50; 2232 to 2238 in., \$186.00; 2238 to 2244 in., \$186.50; 2244 to 2250 in., \$187.00; 2250 to 2256 in., \$187.50; 2256 to 2262 in., \$188.00; 2262 to 2268 in., \$188.50; 2268 to 2274 in., \$189.00; 2274 to 2280 in., \$189.50; 2280 to 2286 in., \$190.00; 2286 to 2292 in., \$190.50; 2292 to 2298 in., \$191.00; 2298 to 2304 in., \$191.50; 2304 to 2310 in., \$192.00; 2310 to 2316 in., \$192.50; 2316 to 2322 in., \$193.00; 2322 to 2328 in., \$193.50; 2328 to 2334 in., \$194.00; 2334 to 2340 in., \$194.50; 2340 to 2346 in., \$195.00; 2346 to 2352 in., \$195.50; 2352 to 2358 in., \$196.00; 2358 to 2364 in., \$196.50; 2364 to 2370 in., \$197.00; 2370 to 2376 in., \$197.50; 2376 to 2382 in., \$198.00; 2382 to 2388 in., \$198.50; 2388 to 2394 in., \$199.00; 2394 to 2400 in., \$199.50; 2400 to 2406 in., \$200.00; 2406 to 2412 in., \$200.50; 2412 to 2418 in., \$201.00; 2418 to 2424 in., \$201.50; 2424 to 2430 in., \$202.00; 2430 to 2436 in., \$202.50; 2436 to 2442 in., \$203.00; 2442 to 2448 in., \$203.50; 2448 to 2454 in., \$204.00; 2454 to 2460 in., \$204.50; 2460 to 2466 in., \$205.00; 2466 to 2472 in., \$205.50; 2472 to 2478 in., \$206.00; 2478 to 2484 in., \$206.50; 2484 to 2490 in., \$207.00; 2490 to 2496 in., \$207.50; 2496 to 2502 in., \$208.00; 2502 to 2508 in., \$208.50; 2508 to 2514 in., \$209.00; 2514 to 2520 in., \$209.50; 2520 to 2526 in., \$210.00; 2526 to 2532 in., \$210.50; 2532 to 2538 in., \$211.00; 2538 to 2544 in., \$211.50; 2544 to 2550 in., \$212.00; 2550 to 2556 in., \$212.50; 2556 to 2562 in., \$213.00; 2562 to 2568 in., \$213.50; 2568 to 2574 in., \$214.00; 2574 to 2580 in., \$214.50; 2580 to 2586 in., \$215.00; 2586 to 2592 in., \$215.50; 2592 to 2598 in., \$216.00; 2598 to 2604 in., \$216.50; 2604 to 2610 in., \$217.00; 2610 to 2616 in., \$217.50; 2616 to 2622 in., \$218.00; 2622 to 2628 in., \$218.50; 2628 to 2634 in., \$219.00; 2634 to 2640 in., \$219.50; 2640 to 2646 in., \$220.00; 2646 to 2652 in., \$220.50; 2652 to 2658 in., \$221.00; 2658 to 2664 in., \$221.50; 2664 to 2670 in., \$222.00; 2670 to 2676 in., \$222.50; 2676 to 2682 in., \$223.00; 2682 to 2688 in., \$223.50; 2688 to 2694 in., \$224.00; 2694 to 2700 in., \$224.50; 2700 to 2706 in., \$225.00; 2706 to 2712 in., \$225.50; 2712 to 2718 in., \$226.00; 2718 to 2724 in., \$226.50; 2724 to 2730 in., \$227.00; 2730 to 2736 in., \$227.50; 2736 to 2742 in., \$228.00; 2742 to 2748 in., \$228.50; 2748 to 2754 in., \$229.00; 2754 to 2760 in., \$229.50; 2760 to 2766 in., \$230.00; 2766 to 2772 in., \$230.50; 2772 to 2778 in., \$231.00; 2778 to 2784 in., \$231.50; 2784 to 2790 in., \$232.00; 2790 to 2796 in., \$232.50; 2796 to 2802 in., \$233.00; 2802 to 2808 in., \$233.50; 2808 to 2814 in., \$234.00; 2814 to 2820 in., \$234.50; 2820 to 2826 in., \$235.00; 2826 to 2832 in., \$235.50; 2832 to 2838 in., \$236.00; 2838 to 2844 in., \$236.50; 2844 to 2850 in., \$237.00; 2850 to 2856 in., \$237.50; 2856 to 2862 in., \$238.00; 2862 to 2868 in., \$238.50; 2868 to 2874 in., \$239.00; 2874 to 2880 in., \$239.50; 2880 to 2886 in., \$240.00; 2886 to 2892 in., \$240.50; 2892 to 2898 in., \$241.00; 2898 to 2904 in., \$241.50; 2904 to 2910 in., \$242.00; 2910 to 2916 in., \$242.50; 2916 to 2922 in., \$243.00; 2922 to 2928 in., \$243.50; 2928 to 2934 in., \$244.00; 2934 to 2940 in., \$244.50; 2940 to 2946 in., \$245.00; 2946 to 2952 in., \$245.50; 2952 to 2958 in., \$246.00; 2958 to 2964 in., \$246.50; 2964 to 2970 in., \$247.00; 2970 to 2976 in., \$247.50; 2976 to 2982 in., \$248.00; 2982 to 2988 in., \$248.50; 2988 to 2994 in., \$249.00; 2994 to 3000 in., \$249.50; 3000 to 3006 in., \$250.00; 3006 to 3012 in., \$250.50; 3012 to 3018 in., \$251.00; 3018 to 3024 in., \$251.50; 3024 to 3030 in., \$252.00; 3030 to 3036 in., \$252.50; 3036 to 3042 in., \$253.00; 3042 to 3048 in., \$253.50; 3048 to 3054 in., \$254.00; 3054 to 3060 in., \$254.50; 3060 to 3066 in., \$255.00; 3066 to 3072 in., \$255.50; 3072 to 3078 in., \$256.00; 3078 to 3084 in., \$256.50; 3084 to 3090 in., \$257.00; 3090 to 3096 in., \$257.50; 3096 to 3102 in., \$258.00; 3102 to 3108 in., \$258.50; 3108 to 3114 in., \$259.00; 3114 to 3120 in., \$259.50; 3120 to 3126 in., \$260.00; 3126 to 3132 in., \$260.50; 3132 to 3138 in., \$261.00; 3138 to 3144 in., \$261.50; 3144 to 3150 in., \$262.00; 3150 to 3156 in., \$262.50; 3156 to 3162 in., \$263.00; 3162 to 3168 in., \$263.50; 3168 to 3174 in., \$264.00; 3174 to 3180 in., \$264.50; 3180 to 3186 in., \$265.00; 3186 to 3192 in., \$265.50; 3192 to 3198 in., \$266.00; 3198 to 3204 in., \$266.50; 3204 to 3210 in., \$267.00; 3210 to 3216 in., \$267.50; 3216 to 3222 in., \$268.00; 3222 to 3228 in., \$268.50; 3228 to 3234 in., \$269.00; 3234 to 3240 in., \$269.50; 3240 to 3246 in., \$270.00; 3246 to 3252 in., \$270.50; 3252 to 3258 in., \$271.00; 3258 to 3264 in., \$271.50; 3264 to 3270 in., \$272.00; 3270 to 3276 in., \$272.50; 3276 to 3282 in., \$273.00; 3282 to 3288 in., \$273.50; 3288 to 3294 in., \$274.00; 3294 to 3300 in., \$27

Trees for Yard and Farmstead

Any Permanent Home in This Region Requires Shade and Ornamental Planting or Shelter Belt—Now Is the Time to Plant Them.



Shelter Belt at Farm of C. O. Olson, Meckinock

SPECIAL WOODLOT and \$5.00 SHELTER BELT BARGAIN

Trees enough to plant one acre of ground.

200 Cottonwood, 10 to 20 in.

200 Chinese Elm, 18 to 24 in.

300 Green Ash, 6 to 12 in.

100 Caragana, 6 to 12 in.

Total Value, \$7.90. Special Price.....\$5.00

NORTH DAKOTA COTTONWOOD (*Populus deltoides*).

The native cottonwood in spite of criticism and disparagement has definitely demonstrated in the past period of extremely severe conditions that it is outstandingly the best shelter belt, windbreak and fuel producing tree for the Northwest. We have been headquarters for cottonwoods for fifty years.

Prices:

	6-10 in. seedlings	10-20 in. seedlings	20-30 in. seedlings
100.....	\$0.40	\$0.60	\$0.90
500.....	1.90	2.25	3.20
1000.....	3.25	4.00	6.00
	3 to 4 ft.	4 to 6 ft.	6 to 8 ft.
Each.....	\$0.10	\$0.16	\$0.25
10.....	.75	1.25	2.00

GREEN ASH. Our native ash, drouth, heat and alkali resistant. A fine timber tree. Ash fence posts rank at the top. Grows 1 to 3 ft. per year. Seedlings 6-12 in., 100, 60c; 500, \$1.90; 1000, \$4.00. 12-18 in., 100, 75c; 1000, \$6.50. 18-24 in., 100, \$1.00; 1,000, \$9.00. 3 to 4 ft., each, 20c; 10, \$1.75. 4 to 6 ft., each, 25c; 10, \$2.00. 6 to 8 ft., each, 40c; 10, \$3.50.

AMERICAN ELM (*Ulmus Americana*). Our native white elm. Probably the most graceful and beautiful of our native trees. Excellent for farm planting in good soil as well as for lawn and boulevard. Seedlings, 12 to 18 in., 100, 90c; 1000, \$8.00; 3 to 4 ft., each, 40c; 10, \$3.75; 4 to 6 ft., each, 60c; 10, \$5.00; 6 to 8 ft., each, 70c; 10, \$6.00.

Fast Growing—Drouth Resistant—CHINESE OR SIBERIAN ELM

As a wood lot, shelter belt or grove tree and as a formal or natural hedge this tree has a very definite place in Northwestern planting. Drought resistant and rapid growing beyond almost any other sort. Price: seedlings, 12 to 18 in., 100, \$1.00; 500, \$4.00; 18 to 24 in., 100, \$1.50; 500, \$7.00; 3 to 4 ft., each, 12c; 10, \$1.00; 4 to 6 ft., each, 60c; 10, \$5.00; 6 to 8 ft., each, 70c; 10, \$6.00.



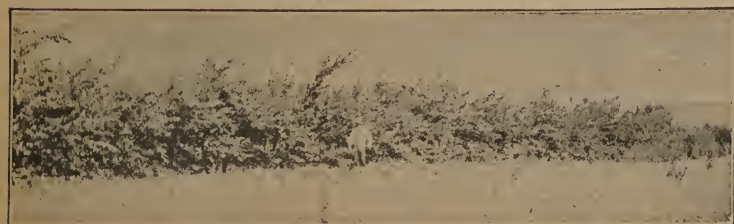
American Elm



Green Ash



15-Year-Old Cottonwood



Chinese Elm Windbreak



Chinese Elm as a Hedge



Hopa Crab



Ginnala Maple

WILLOW, DIAMOND. Produces highest quality fence posts and fire wood very quickly. A hardy native, stands drier conditions than most willows. Price, seedlings, 100, 75c; 1000, \$4.50; cuttings per 1000, \$3.00.



Diamond Willow Fence Post

WILLOW, LAUREL LEAVED. One of the hardy Russian Willows, fast growing, beautiful and the wood is of fair quality. Do not use except in fairly moist sections. Price, 18 to 24 in., doz., 60c; 100, \$3.50.

WILLOW, GOLDEN. A hardy strain of this handsome windbreak and shelter-belt tree. Rapid grower, good quality wood. Price, 18 to 24 in., doz., 60c; 100, \$3.20.

WHITE ENGLISH WILLOW. Very hardy. A beautiful tree and does well in good, moist soil. 18 to 24 in., doz., 70c; 100, \$4.00.

NUT BEARERS

BURR OAK (*Quercus macrocarpa*). Native over most of the state and a lasting and handsome tree. Price each, 3 to 4 ft., \$1.00; 5, \$4.50.

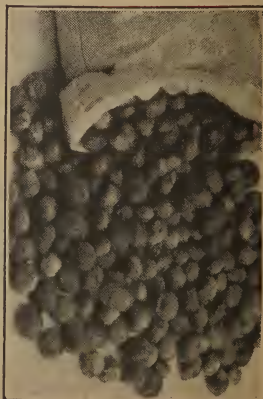


Burr Oak

BLACK WALNUT (*Juglans niger*). One of the few nut trees that we can grow in North Dakota and then only from hardiest stock. Price, 3 to 4 ft., balled and burlapped, \$1.00.

MANCHURIAN WALNUT. The Manchurian equivalent of our own Black Walnut. Grows faster than the latter. Our stock comes to us from Manitoba where it is entirely hardy. Each, 2 to 3 ft., \$1.00.

HAZELNUT. The only plant bearing edible nuts native to North Dakota. Found over most of the state and perfectly hardy. Ours are from both species, the *rostrata* and *americana*. These can not be distinguished except from the fruit. 4 to 6 ft. tall, forming a dense bush, the nuts hang on in clusters, are relatives of the filbert, edible and pleasant to eat. Foliage takes on a lovely yellow in fall. Price, 2 to 3 ft., each, 25c; 10, \$2.25; postpaid, each, 30c; 10, \$2.50.



Hazelnuts

HYBRID ELM (Chinese-American Elm Cross). A remarkable new result of the great spread of the Chinese elm, a natural cross. Seems to have good characters of both parents. Each, 3 to 4 ft., 50c.

BOX ELDER or MANITOBA MAPLE. Hardest of all the Maple family and our only native Maple. Prefers loam and heavier soils. A beautiful tree when properly trimmed and cared for. Sdgs., 12-18 in., 100, 75c; 1,000, \$6.50; 3 to 4 ft., each 20c; 10, \$1.75; 6 to 8 ft., each, 40c; 10, \$3.75.

HACKBERRY (*Celtis occidentalis*). One of the hardest and handsomest of our native trees. Free from insect pests, well-shaped, it makes an ideal street tree. Price, 3 to 4 ft. each, 40c; 5 for \$1.75. Sdgs., 10, 75c.

COTTONLESS COTTONWOOD. We have again managed to start a supply of these selected cottonwoods which shed no cotton. 3 to 4 ft., each, 25c; 10, \$2.25.

POPLAR, BOLLEANA. One of the most beautiful of poplars, tall and upright like a Lombardy in habit. Very hardy, silvery bark and silver lined, maple shaped leaves. Price, 4 to 6 ft., each, 60c; 5 for \$2.75; 6 to 8 ft., each, 75c; 5 for \$3.50.

CUT LEAF WEEPING BIRCH. Perhaps our most beautiful lawn tree. Hard to establish but really hardy when once started. Needs plenty of water. Price, each, 5 to 6 ft., \$1.75.

MOUNTAIN ASH (*Sorbus Aucuparia*). Beautiful in spring with its clusters of white blossoms and in fall with its heavy bunches of red berries. Hardy with a fair moisture supply. Price, 5 to 6 ft., each, \$1.00; 5 for \$4.50.

HOPA CRAB—RED FLOWERING. One of the most beautiful of Dr. N. E. Hansen's productions. In spring the tree is a mass of dark red flowers, in fall covered with very dark red fruits. Reaches the height of a small tree. Price, 3 to 4 ft., each 75c; 5 for \$3.50.

MAPLE, GINNALA. A variety of Tartarian maple; notable for the brilliance of its autumn foliage and the decorative effect of its bright red seed clusters in summer. Becomes a small tree. Price, each, 3 to 4 ft., 40c; 10, \$3.75.

AMERICAN LINDEN or BASSWOOD. A beautiful tree native in parts of North Dakota. Valued also for its high honey yield in early spring. Price, 5 to 6 ft., each, \$1.00.

POPLAR, SILVER-LEAVED. Smooth light bark, leaves dark green on top, silvery white beneath. Hardy and a rapid grower. Price, 4 to 6 ft., each, 50c; 5 for \$2.25.

BRITZENSIS WILLOW. Valuable as a large tree, a screen or in the shrubby planting. Very useful as an ornamental due to the pleasing bright red color of the bark. Hardy but should have good soil. Each, 18 to 24 in., 15c; doz., \$1.50.



Hackberry



Bolleana Poplar

Flowering and Ornamental Shrubs

NEW AND NOVEL HARDY SHRUBS

BUCKWHEAT BUSH (*Atriplex buxifolia*). One of the rare late blooming shrubs. A mass of pink and white bloom in August and September. Very hardy and drought resistant. 18 to 24 in. Each, 50c; 5 for \$2.25.

KOREAN SPIREA (*Spiraea trichocarpa*). Blooms after Van Houtte with larger flowers and heavier clusters. Hardest of the type, graceful. A real addition to your planting. Each, 50c; 5 for \$2.25.



Buckwheat Bush

BANKS OF SNOW SPIREA (*Pekowiensis*). The earliest blooming spirea we have. Very hardy and drought resistant. Great garlands of creamy white bloom in May. Each, \$1.00.

PRUNUS JAPONICA. A shrub to 5 ft. tall, broad and graceful, white to pink flowers in early spring, followed in August by tremendous numbers of bright red fruits. 12 to 18 in., each 30c; 5 for \$1.25.

HIAWATHA LILAC. Another Skinner Hybrid of a different parentage, a late blooming Villosa cross, large foliage, heavy flower clusters, color—deep rose. Each, 18 to 24 in., \$1.25.

GEORGE WILL ROSE. A hybrid with blood of Rugosa, hybrid tea and Arctic wild rose. Blooms early and often, a handsome double pink. Originated by Mr. Skinner. Each, No. 1 size, \$1.50.

LORBERG CARAGANA. Grows 4 to 5 ft. with graceful weeping branches and delicate fern-like foliage. Hardy and beautiful. Flowers come in spring, large and yellow. 12 to 18 in., each, 50c.

POCAHONTAS LILAC. Originated by F. L. Skinner. A new race of early blooming lilac hybrids. Very dark purple, fine shape, thrifty. 18 to 24 in., each, \$1.25.



Korean Spirea

Besides the shrubs listed we include a section of hedge plants which are equally valuable for shrubbery plantings, and we would refer you also to such of the native fruits as sand cherry, native gooseberry, chokeberry and wild plum which work well in ornamental plantings.

Prices given are F. O. B. here, customer pays transportation by express. Shrubs may be sent by mail for ten cents each added to prices. The lighter plants are used and are cut back before mailing.

TAMARIX. (Dr. Yeager's hardy Amur.) 6 to 8 ft. max. height, same breadth. Does not sap moisture from nearby plants. A feathery shrub with evergreen like foliage bearing a dense mass of pink bloom in mid summer. Price, 18 to 24 in., each, 45c; 5 for \$2.00.

GOLDEN or BUFFALO CURRANT. This lovely shrub with its bright yellow, fragrant flowers blooms in May. A native of our N. D. Bad Lands, very hardy. Maximum height 4 to 6 ft., fine fall colors. Price, 2 to 3 ft., each, 35c; 10, \$3.00; 50 @ 25c.

TARTARIAN HONEYSUCKLE. May flowering, very hardy and striking. Shrub 5 to 8 ft. high, good as a hedge also. Comes in mixed, red and pink. 18 to 24 in., mixed, 25c each; 10, \$2.25; 50, \$10.00. 2 to 3 ft., each, 30c; 10, \$2.75. Seedlings, 9 to 12 in., per 100, \$2.00. Red and pink, each, 35c; 10, \$3.00.

FRAGRANT SUMAC (*Rhus trilobata*). Native of western North Dakota this dark green shrub with bright red berries in fall and pleasant scented leaves grows from 3 to 5 ft. tall and just as broad. Very hardy. Each, 18 to 24 in., 40c; 10, \$3.50.

SPIREA

Van Houtte or Bridal Wreath. This established favorite with its masses of white flowers in May needs no long description. 2 to 3 ft., each, 28c; 10, \$2.50; 18 to 24 in., 22c; 10, \$2.00.

Froebeli. The best of the dwarf, late blooming spirea. Dark rose flower clusters in July and early August. Maximum height below 2 ft. Price, 18 to 24 in., each, 30c; 10, \$2.75.

Opulifolia (Ninebark or Hardhack). One of the hardest of the spirea family. Maximum height 4 to 5 ft. Clusters of white flowers in June followed by showy red seed pods. Price, 18 to 24 in., each, 30c; 10, \$2.75. 2 to 3 ft., each, 40c; 10 @ 35c.

Dwarf Ninebark. A dwarf form of the same plant as above. Maximum ht. 2 to 3 ft. A fine hedge and border plant. Perfectly hardy. Price, 12 to 18 in., each, 30c; 10, \$2.75.

Golden Ninebark. Another ninebark, size the same as the common ninebark, but with variegated gold and green foliage. Price, 2 to 3 ft., each, 40c; 10, \$3.75.

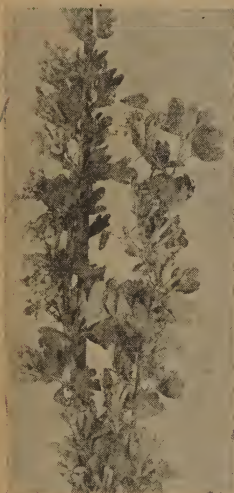
Billard Pink. This is an August blooming species, 18 to 36 in. maximum height, flowers in long spikes of rosy pink. Price, 2 to 3 ft., each, 40c; 5 @ 35c.

Arguta. The earliest spirea, blooms before Van Houtte in the same graceful fashion. Very hardy, size at most 4 to 5 ft. Price, 12 to 18 in., each, 35c; 10, \$3.00.

Sorbaria. Foliage resembles Mt. Ash. Long feathery spikes of white bloom in July. Maximum height 4 to 6 ft. Blooms on new wood. Price, 2 to 3 ft., each, 45c; 10, \$1.00.

JUNEBERRY—SUCCESS. A named variety with finer fruit than the common, a bush type. Also known as Saskatoon. Price, 18 to 24 in., each, 40c; 10, \$3.50.

SILVERBERRY. Valuable for contrast because of its silvery color. Height, 3 to 5 ft. Small very fragrant yellow blossoms in June. A native. Price, 12 to 18 in., each, 30c; 10, \$2.75.



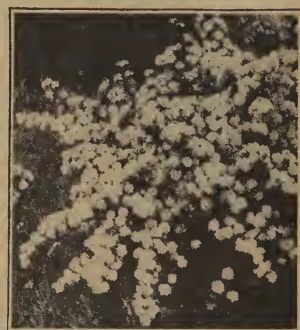
Golden Currant



Tartarian Honeysuckle



Fragrant Sumac



Van Houtte Spirea



Tamarix



Double Flowering
Plum

RED DOGWOOD. As a shrub or hedge the white flowers, bright red bark, white berries and fall leaf colors are all beautiful. Grows 4 to 5 ft. high. Price, 2 to 3 ft., each, 30c; 10, \$2.75; 50 @ 24c.



Buffalo Berry

PRUNUS TRILOBA (Double flowering plum). Perhaps the loveliest of May blooming shrubs. Double pink blossoms an inch across come before the leaves. Price, 3 to 4 ft., each, 60c.

RHAMNUS DAHURICA (Large buckthorn). From Asia, pale green, large leaves, a taller shrub than ordinary buckthorn, fruit larger also. Hardy and useful where a large shrub is needed. 18 to 24 in., each, 30c; 5 for \$1.25.

POTENTILLA. We have two kinds, the fruticosa and veitchii. Both grow about 1 to 2 ft. high, large rose shaped blossoms. Fruticosa blossoms are yellow, veitchii white. Very useful as a low shrub blooming in July and August. Price, 18 to 24 in., each, 35c; 10, \$3.25.

CARAGANA PYGMEA. The very dwarf type with large yellow flowers in June. Seldom grows over 2 ft. high. Neat and regular habit. Our nearest shrub to the brooms and heaths. Price, each, 6 to 12 in., 35c; 10, \$3.00.

HAWTHORN (Crataegus). A mass of white bloom in May and of bright red berries in August and September. Glossy leaves taking good fall colors. Max. height 8 to 10 ft. Its long thorns make it ideal for a hedge. Price, 2 to 3 ft., each 50c; 10, \$4.50.

ALPINE CURRANT. Most useful as an ornamental in very shady locations. Dark green leaves, red berries. A good low hedge. 18 to 24 in., each, 40c; 10, \$3.50.

JAPANESE BARBERRY. Much used as hedge and ornamental. Does not spread rust. Glossy leaves, bright red berries. Maximum height 24 to 36 in. 12 to 18 in., each, 35; 5, \$1.50.

BUFFALO or BULLBERRY (Shepherdia argentea). A lovely silvery shrub bearing masses of brilliant red berries in late summer and fall. A handsome ornamental up to 12 ft. tall, a compact, handsome hedge plant. 18 to 24 in., each, 40c; 10, \$3.50; 6 to 10 in. seedlings, per 100, \$3.00.

YELLOW BUFFALO BERRY. Each, 12 to 18 in., 40c; 5 for \$1.75.

DAPHNE CNEORUM. A lovely little bush, about 1 ft. high, covered with showy pink flowers for much of the summer. Balled and burlapped. Price, each, \$1.00.

DWARF SIBERIAN FLOWERING ALMOND. Hardy, bears lovely pink blossoms profusely in May—height 18 to 36 inches. One of our best dwarf shrubs for severe conditions. Fall colors brilliant. Price, 18 to 24 in., each, 40c; 10, \$3.75.

PURPLE LEAVED SANDCHERRY—CISTENA. Grows 3 to 4 ft. high, spreading about the same. Foliage of a rich dark red, which makes a valuable contrast in shrub plantings. 2 to 3 ft., each, 40c; 5 for \$1.75.

REDMAN CUTLEAF ELDER. 3 to 4 ft., each, 50c; 5 for \$2.25.

RED BERRY ELDER. Blooms in June with great umbels of delicate white flowers, followed later in the summer by clusters of red berries. Very hardy. Each, 3 to 4 ft., 40c; 10, \$3.50.

SMOOTH SUMAC. A hardy native. Notable for its very handsome foliage, its dark red fruit clusters which persist and its brilliant fall colors. Maximum height 5 ft. Price, 18 to 24 in., each 40c; 10, \$3.75.

SNOWBALL (Viburnum opulus sterilis). The snowball with its gorgeous display of big, white flower clusters in May or early June is an old favorite. Price, 18 to 24 in., each 50c; 10, \$4.75.

HIGH BUSH CRANBERRY (Viburnum americana). Native of North Dakota. Maximum height 5 to 6 ft. First cousin to the snowball. Flat clusters of white flowers. In the fall covered with bright red berries and brilliant foliage. Price, 18 to 24 in., each, 45c; 10 for \$4.00.

SHEEP BERRY (Viburnum lentago). Flat clusters of small white flowers followed by black berries. Lovely shining leaves of dark green which become a rich red in the fall. Maximum height 8 to 12 ft. Price, 12 to 18 in., each, 30c.

SIBERIAN SANDTHORN or SEA BUCKTHORN. A shrub to 5 ft. high, silvery foliage, bearing toward fall handsome yellow berries which cling late. Very drouth and alkali resistant. Each, 18 to 24 in., 40c; 5 for \$1.75.

ARTEMISIA or OLD MAN. A very hardy Russian shrub useful for a quick hedge. Grows 4 to 5 ft. in one season; feathery, thick foliage. Should be cut back each year. Price, 15 to 24 in., each, 35c; 10, \$3.00.

PHILADELPHUS, Mont Blanc. This beautiful, large flowered syringa when planted in a protected spot is very satisfactory. Each, 18 to 24 in., 50c.



Potentilla



Red Dogwood



Flowering Almond



Snowball



Artemisia



Persian Lilac

Blooms a week or two later than the common. Color more purplish than the common. Price, 18 to 24 in., each, 40c; 10, \$3.75; 2 to 3 ft., each, 45c.

PURPLE LILAC. The old favorite, one of the hardest. Each, 18 to 24 in., 35c; 5 for \$1.50; 3 to 4 ft., each, 45c.

VILLOSA LILAC. A rugged variety globular in shape, 6 to 7 ft. high with handsome foliage. A late bloomer, pale lavender pink flowers late in June. Price, 12 to 18 in., each, 45c; 5, \$2.00.

JOSIKEA LILAC (Hungarian lilac). Very much like the Villosa in size, appearance and habit of bloom, but the flowers are of a darker violet color. Price, 12 to 18 in., each, 45c; 5, \$2.00.

PERSIAN LILAC. Gradually replacing the older type because of its regular blooming habit and the fact that it spreads very little. Price, 18 to 24 in., each, 40c; 10, \$3.75; 2 to 3 ft., each, 45c.



Purple Lilac

HYBRID LILAC

LUDWIG SPAETH. Blooms early as do all the French hybrids. Does not spread in common with all of this class, and bears profusely semi-double, wine colored flowers in great cluster. Price, 18 to 24 in., each, 65c; 10, \$6.00.

CHARLES X. Color between lilac and violet, clusters of tremendous size. One of the favorites. Price, 18 to 24 in., each, 65c; 10, \$6.00.

HIAWATHA. A new type hybrid from the famous plant breeder, F. L. Skinner of Manitoba. Very late blooming. Foliage very large, flower clusters very heavy and of a deep rose color. Price, 18 to 24 in., each, \$1.25.

POCAHONTAS. Another F. L. Skinner hybrid. A large blossom of very dark purple and fine shape. We feel that we have especially fine items in these two Manitoba originations. Blooms very early. Price, 18 to 24 in., each, \$1.25.

MADAME LEMOINE. A pure white double French hybrid. Price, 18 to 24 in., each, 60c; 10, \$5.50.

HARDY HEDGE PLANTS

CHINESE ELM (page 59), TARTARIAN HONEYSUCKLE AND OTHER ORNAMENTALS ALSO MAKE GOOD HEDGES



Russian Olive Hedge



Caragana Hedge

RUSSIAN OLIVE (*Eleagnus angustifolia*). A thick growing, beautiful silvery hedge plant which withstands cold, drouth and alkali. Valuable as well in shelter belts and wind-breaks. 6 to 12 in., 10, 60c; 100, \$5.00; 12 to 18 in., 10, 75c; 100, \$6.00; 18 to 24 in., 10, \$1.00; 50, \$4.00; 2 to 3 ft., each 15c; 10, \$1.25.

SIBERIAN PEA (*Caragana arborescens*). Makes a beautiful hedge, either trimmed or untrimmed, a perfect snow trap in the shelter belt. Highly drouth and cold resistant. In June covered with yellow flowers. 6 to 12 in., 10, 50c; 100, \$2.50; 500, \$10.00; 12 to 18 in., 10, 60c; 100, \$3.00; 500, \$12.50; 18 to 24 in., 10, 75c; 100, \$5.00.

COTONEASTER (*Acutifolia*). Experts now recognize it as probably superior even to privet for a low hedge. Perfectly hardy, handsome, clean and trims very well. 6 to 12 in., each, 10c; 10, 75c; 50 @ 6c; 18 to 24 in., each, 25c; 10, \$2.00; 50, \$9.00.

BUCKTHORN. A slow growing, very hardy and handsome hedge. Requires moisture and good soil. 6 to 12 in., 10, 75c; 50, \$3.00; 12 to 18 in., each, 18c; 10, \$1.75; 18 to 24 in., each, 25c; 10, \$2.25; 2 to 3 ft., each, 30c; 10, \$2.25.



Chinese Elm Hedge



Cotoneaster Hedge

HARDY ROSES

Gradually a respectable list of hardy roses suitable to the Northern Great Plains is being built up, thanks to some enthusiasts, such as Mr. Skinner of Dropmore, Manitoba, and Mr. Leslie of the Morden Station.

PERPETUAL BLOOMERS

The only really hardy bloomers of the Perpetual or repeating type are the Rugosa Hybrids which give us roses until well into autumn. Even they may kill back some or require some protection under extreme conditions.

SIR THOMAS LIPTON. Best of the white Rugosa Hybrids. Two to 3 ft. tall, covered with a multitude of large, very double blooms most of the summer. Each, 50c; 5 for \$2.25.



Sir Thos. Lipton

Grootendorst, the Carnation Rose, is a continuous bloomer and represents a new type, a cross between rugosa and baby rambler. Red or pink flowers are borne in clusters and resemble carnations in appearance. Each, 50c; 5 for \$2.25.

Belle Poitevine is a sturdy, strong growing pink rugosa hybrid perpetual, bearing large bright pink, very double flowers. Each, 50c; 5 for \$2.25.

Sarah Van Fleet produces large, very double flowers of an unusual pale pink shade. A strong bush with handsome foliage, 2 to 3 ft. tall. Each, 50c; 5 for \$2.25.



Grootendorst

hybrid. Full double flowers of a lemon yellow color. 3 to 4 ft. tall, hardy, handsome. Each, 60c; 5 for \$2.75.

NEW CENTURY. One of the smaller type, a heavy and continuous bloomer with numerous good sized blooms of an attractive bright pink color. 2 to 3 ft. Each, 50c; 5 for \$2.25.



Amelie Graveaux

HANSA. Hardest of the class. Sturdy bushes; very dark red, double flowers continuously borne through the summer. A fine landscape rose. Each, 50c; 5 for \$2.25.

AMELIE GRAVEAUX. A smaller and more delicate plant. Flowers most double of the rugosa hybrids, bright red in color. Best of the class for cutting. Each, 55c; 5 for \$2.40.

AGNES. The only yellow rugosa



Hansa

See Page 1 for a New and Hardier Hybrid from F. L. Skinner.

JUNE BLOOMING ROSES

June blooming roses are the hardest of all and require no protection at all so far as the hardy varieties which we list are concerned.

BETTY BLAND, a production of Mr. F. L. Skinner, is outstanding among hardy roses. It bears masses of perfect bright pink roses of good size in June, and is most ornamental with its glossy leaves and bright purple bark throughout the rest of the year. Grows 4 to 6 ft. tall. Each, 70c; 5 for \$3.25.

DAKOTA PRAIRIE ROSE (*rosa pratincola*) is North Dakota's state flower. A bush 1 to 2 ft. high bearing in profusion large single roses in color from very pale to rose pink. Bright with large scarlet roseberries later in the season. Each, 35c; 5 for \$1.50.

HARRISON'S YELLOW is perhaps the best known and most common June bloomer, 5 to 6 ft. tall, it is a perfect mass of bright yellow, double roses, 1 to 2 inches across, for several weeks in mid-June. Each, 65c; 5 for \$3.00.

BANSHEE is a very hardy light pink rose from eastern Canada. Blooms are large, very double and borne in profusion during much of June. Bush 2 to 3 ft. tall. Each, 65c; 5 for \$3.00.

CHEROKEE. This is a huge, single white rose with yellow center—dark shaded leaves and stems. Very dark and large pips. Each, 90c; 5 for \$4.00.

CRIMSON RAMBLER, though the hardest climber requires some winter protection. It will grow 7 ft. in a season and bear innumerable small bright red roses. Each, 50c; 5 for \$2.25.

CRIMSON BABY RAMBLER, the dwarf or polyantha type. Needs winter protection. A bush 8 to 12 in. high bearing all season clusters of small, bright red roses. Each, 50c; 5 for \$2.25.



Prairie Rose

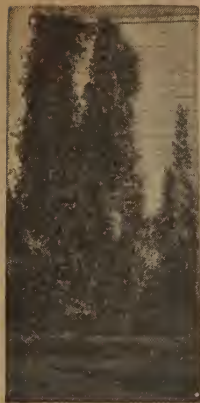


Harrison's Yellow

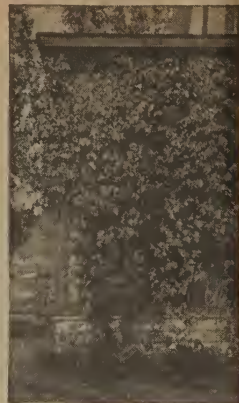


Betty Bland

ORNAMENTAL VINES



Hop Vine



Woodbine

WOODBINE or VIRGINIA CREEPER. The most popular porch vine in our list. Sometimes called 5-leaved ivy. Price, each, 30c; 10, \$2.75. Postpaid, each, 35c.

BITTERSWEET. A native of great hardiness, noteworthy for the beautiful shape and color of the berries in fall. Handsome foliage. Price, each, 35c; 10, \$3.00. Postpaid, each, 40c.

HOP VINE. A handsome vine which grows 10 to 14 ft. in a season. The root lives over but the top dies back. Makes a heavy growth and does well in shade. Price, each, 20c; 10, \$1.75. Postpaid, each, 25c.

CHINESE MATRIMONY VINE. This is more of a trailing shrub than a climber. Useful on slopes, terraces and walls. Lavender flowers followed by bright red berries. Rapid grower. Price, each, 20c; 10, \$1.75. Postpaid, each, 25c.

CLEMATIS, JACKMANII—LARGE FLOWERED PURPLE. One of the most beautiful plants that can be grown in the north. Needs some protection but is worth it. Price, each, \$1.00; 5 for \$4.00. Postpaid, each, \$1.10.

CLEMATIS—LARGE FLOWERED YELLOW. A very hardy large flowered type of great beauty. Price, each, 35c; 10, \$3.00. Postpaid, each, 40c.

CLEMATIS, WHITE or VIRGIN'S BOWER. Starry, white flowers in July, feathery plumes in late summer and fall. Handsome, showy and very fast grower. Price, each, 30c; 10, \$2.75. Postpaid, each, 35c.

ENGELMANN'S CREEPER. Resembles the woodbine, but has the added advantage of clinging tightly to brick, stone, concrete or stucco walls with no wires or other support. Price, each, 35c; 10, \$3.00. Postpaid, each, 40c.

MENISPERMUM. First listed 1938 after seeing the great value of it in Manitoba plantings. Leaves like Boston Ivy. Grows fast and endures shade. Kills back part way, but comes out stronger each year. Price, each, 40c; 10, \$3.75. Postpaid, each, 45c.



Menispermum

CHOICE PEONY ROOTS

FINE MIXED PEONY ROOTS

—A mixture of good named varieties. Postpaid: Each, 20c; 10, \$1.75.

1940 Pioneer Peony Collection. A Most Unusual Value. Two Each—FELIX CROUSSE, fine red and *COURONNE d'OR, a high class white. The four, Special Price, \$1.00, Postpaid.

We are offering a select list of peonies of the highest rank. We supply thrifty 3 to 5 eye roots. Colors are Red, White and Pink and we supply varieties which bloom early, mid-season and late. This should give 3 to 4 weeks of bloom.

REDS

FELIX CROUSSE. Blooms late mid-season, a bright rich ruby red—a heavy bloomer and excellent for cutting. Postpaid, each, 30c; 5 for \$1.25.

KARL ROSENFELD. Early mid-season, dark red, rose type, heavy bloomer. Postpaid, each, 60c; 5, \$2.75.

LONGFELLOW. Early, mid-season, a bright crimson, lasting bloom and strong stems. Postpaid, each, 80c; 5 for \$3.75.

MONS. MARTIN CAHUZAC. Nearest to a black peony that we have. Early, open type. Very distinctive. Postpaid, each, 70c; 5 for \$3.25.

MARY BRAND. One of the largest and finest of the dark red peonies. A real aristocrat. Mid-season. Postpaid, each, 80c; 5 for \$3.75.

PHILIPPE RIVOIRE. Finest of all red peonies. Late blooming. Each, \$1.75, postpaid.

WHITES

COURONNE d'OR. A late bloomer, bears very heavily; a beautiful white with a circle of golden stamens, and the latest peony to bloom—a perfect finish to the peony season. Postpaid, each, 30c; 5 for \$1.25.

MADAME DE VERNEVILLE. A lovely early white with bomb shaped blooms and flecks of red at the center. Postpaid, each, 40c; 5 for \$1.75.

BARONESS SCHROEDER. A very double late blooming, almost perfect milky white peony. Postpaid, each, 70c; 5 for \$3.25.

AVALANCHE. A lovely mid-season, rose type peony of creamy white, strong and sturdy. Postpaid, each, 35c; 5 for \$1.50.

FESTIVA MAXIMA. One of the most perfect whites. An old favorite. Early. Postpaid, 45c; 5 for \$2.00.

SOLANGE. A smoky white coming very close to perfection under favorable conditions. Postpaid, each, 75c; 5 for \$3.50.

PINKS

E. J. SHAYLOR. A late mid-season peony, color, a beautiful rose pink with a band of gold edged center petals. One of the fine pinks, strong stem. Postpaid, each, 75c; 5 for \$3.50.

SARAH BERNHARDT. A late mid-season beauty, apple blossom pink, full rose type flowers, beautiful for cutting. Postpaid, each, 75c; 5 for \$3.50.

CLAIRE DUBOIS. A late, very double, rose pink peony, very large and one of the best. Postpaid, each, 75c; 5 for \$3.50.

JULES ELIE. Early. The finest of all bright pink peonies, and the flowers are of tremendous size. Postpaid, each, 65c; 5 for \$3.00.

TOURANGELLE. Very late, apple blossom pink; of an unusual delicate beauty and very large. Postpaid, each, 85c; 5 for \$4.00.



Felix Crousse



Madame de Verneville



Couronne d'Or

IRIS VARIETIES FOR THE NORTHWEST



Rameses

\$1.00 PIONEER IRIS COLLECTION \$1.00

One of each of these ten varieties listed—for \$1.00 postpaid: Fro, King Juba, Blue & Gold, Dwarf Blue, Trostringer, Sensation, Arenaria, Sungod, Dolly Madison, Rameses.

75c GREAT PLAINS IRIS COLLECTION 75c
Selected varieties originated in and adapted to the Great Plains Region.

One each of the following:

RAMESES
KING KARL

KING JUBA
PRAIRIE GOLD

MIDGARD
TROSTRINGER

FINEST MIXED IRIS

ALL NAMED VARIETIES
The best mixture we have ever offered. Do not miss this bargain. Postpaid, each, 5c; doz., 50c.

BEARDED IRIS

FRO. Standards yellow, falls rich velvety purple with narrow yellow border. Postpaid, each, 15c; doz., \$1.50.

RAMESES. One of the very finest of all Iris—Golden buff and pink, with a large sturdy growth and many blooms. Postpaid, each, 20c; doz., \$2.00.

KING TUT. A medium sized Iris of a surprising chestnut red color, striking and vigorous. Postpaid, each, 22c; doz., \$2.20.



Fro

TROSTRINGER. A beautiful pink in two shades. Very hardy and blooms the first year. Postpaid, each, 20c; doz., \$2.00.

MILDRED PRESBEY. A striking combination of pure white and blue. Postpaid, each, 20c; doz., \$2.00.

KING JUBA. A variegated Iris combining rich yellow with garnet red. Tall and prolific. Postpaid, each, 22c; doz., \$2.20.

MIDGARD. A soft creamy pink, prolific, sturdy. Postpaid, each, 20c; doz., \$2.00.

KING KARL is a novel variety with mottling and speckling of the surface of the petals, the general color being a sort of apricot with darker shading. Postpaid, 20c; doz., \$2.00.

AUTUMN KING. With us only occasionally blooms in the Fall, although we understand that in some localities it regularly blooms twice. It is a fine purple in color. Postpaid, 20c; doz., \$2.00.

PRAIRIE GOLD. A Great Plains type—hardy and beautiful; very large yellow flowers. Postpaid, 20c; doz., \$2.00.

DOLLY MADISON. A smoky, mauve shaded iris and much larger than the old Quaker Lady which it resembles. Postpaid, each, 20c; doz., \$2.00.

DESERT GOLD. A large, bright yellow with a lavender flush, very beautiful. Postpaid, each, 35c; doz., \$3.50.

SHASTA. One of the hardiest whites, easy to grow, very rugged, tall. Postpaid, each 30c; doz., \$3.00.

IRMA POLLOCK. We offer this in place of Morning Splendor and as a better red. Postpaid, each, 30c; doz., \$3.00.

FRIEDA MOHR. One of the Iris aristocrats, very tall, very large, a lilac-rose bicolor. Postpaid, each, 30c; doz., \$3.00.

BLUE AND GOLD. A huge plant and flower, fragrant, flowers lavender blue and violet. Offered in place of Lord of June which it surpasses. Postpaid, each, 20c; doz., \$2.00.

SENSATION. A very large, light blue Iris of strong and lasting quality. Postpaid, each, 32c; doz., \$3.20.

DAUNTLESS. One of the very best of the reds. Tall and sturdy, color a rich velvety red. Postpaid, each, 35c; doz., \$3.50.

DWARF EARLY IRIS

ARENARIA. Dwarf, lemon yellow iris, very prolific, very early blooming, of exceptional value in landscape work for edging, etc. Postpaid, each, 16c; doz., \$1.60.

DARK BLUE PUMILA. A very handsome early dwarf iris, 6 to 8 inches tall, blooms in early May, very hardy. Postpaid, each, 20c; doz., \$2.00.

AZUREA. A sky blue dwarf pumila iris, sturdy, hardy, early. Postpaid, each, 20c; doz., \$2.00.

PERENNIAL ASTERS—Autumn's Glory



Dakota Blue

DAKOTA PINK. A very hardy upland native with unusually large flowers. 1 to 2 ft., blooms in September.

DAKOTA BLUE. Same as the pink but with a clear blue color.

GARLAND. Blooms late August. Flowers in graceful festoons of white on slender stems.

SHADY PLACE (laevis). 2 to 4 ft. Flowers light to dark blue. August blooming. Thrives in shade.

GOLDEN (chrysopsis). Bright masses of gold in August and September contrast in mixed plantings with the blues and pinks.

NEW ENGLAND. Tall, 4 to 5 ft., blooms in September, a rich dark blue.

MICHAELMAS DAISY. A tall, pale blue, blooming late and very profusely. A cross between our native shady place and the English aster.

Prices of above, each, 18c; doz., \$1.75; postpaid, each, 22c; doz., \$2.00.

ASTER COLLECTION. One of each of the above, \$1.10.

MRS. FANNY HEATH ASTER. See inside front cover. Postpaid, each, 50c.



New England

HARDY FLOWERING PERENNIALS

Prices unless otherwise quoted: Each, 18c; doz., \$1.75; postpaid, each, 22c; doz., \$2.00.

ACHILLEA. The Pearl. White, aster-like blooms, June-Sept. 18 in. Rose Yarrow. 18 in. Blooms in July. Rose colored flower clusters.

BABY'S BREATH. Standard. Feathery white, 18 to 24 in. Blooms all season. Pacifica. A large flowered, pink type, entirely hardy. Each, 35c; doz., \$3.50. Postpaid, each, 40c; doz., \$4.00.

Bristol Fairy. Large double Baby's Breath, grafted roots. Each, 40c; doz., \$4.00. Postpaid, each, 45c; doz., \$4.50.

BLEEDING HEART. Blooms in May. Postpaid, each, 45c; 5, \$2.00.

BOUNCING BET. (Saponaria.) Pinkish white, 12-18 in., blooms all season. Resembles Phlox.

CAMPANULA. Rapunculoides. Blue Bell. 30 in. Blooms June and July. Carpatica. A 6 to 12 in. Blue Bell with large, bright blue bells. Rotundifolia. The delicate and early Scotch Blue Bell.

CERASTIUM. A dainty ground cover with many small white blossoms. Our stock is from Alaska.

COLUMBINE. Canadensis. Yellow and red, native in parts of North Dakota. Blooms late June, 18 in. Rocky Mountain. Lovely blue, blooms in June. 18 in. Hybrid. Mrs. Scott Elliott hybrids in a variety of shades.

CHIVES, Grass Onion. Lavender heads of bloom, useful in cookery.



Gaillardia

DAISY, Shasta. Blooms from June till fall. 12 to 18 in. Giant. 3 to 5 ft. Blooms profusely late in the season. Painted. 12 to 18 in. Blooms all season. Rose color.

DIANTHUS DELTOIDES. We have this hardy pink in two varieties—Suzanne and Splendens.

ERYNGIUM, Sea Holly. 18 to 36 in. At blooming time the whole plant is blue.

GAILLARDIA, Blanket Flower. 12 to 18 in. Blooms all season.

DELPHINIUM

NEW ZEALAND—This lovely, dark blue delphinium came to us from a New Zealand gardener. It seldom exceeds 2 ft. in height, is bushy and literally covered with fine dark blue blossoms in the regular chinensis type of spikes.

BELLANOSA. The dark blue, slender type, 24 to 48 in.

BELLADONNA. 4 to 5 ft. Long spikes, pale blue flowers.

MORDEN HYBRIDS. See Page One. Each, 50c; 5, \$2.25; postpaid, each, 55c; 5, \$2.50.

HOLLYHOCK. Single and Double. We have a lovely selection of colors.

LINARIA. Butter and eggs of old-fashioned gardens. Looks like a yellow and white snapdragon.

PHLOX—HARDY MANITOBA SORTS

ADA BLACK JACK. Rosy lavender. Postpaid, each, 40c; 5 for \$1.80.

PYRAMID WHITE. Very full compact clusters. Each, 40c; 5 for \$1.80, postpaid.



Hollyhock



Dianthus Deltoides

LILIES

SINGLE TIGER LILY. Blooms in July. Height 2 to 4 ft.

DOUBLE TIGER LILY. Lighter shades and more delicate blossoms. One to three weeks later. Same height.

CORAL LILY (Tenuifolium). A lovely bright red lily from Siberia. Ht. 12 to 24 in. Blooms late June or early July.

DAURICUM LILY. Candlestick lily. Similar to elegans but larger. Blooms in June and early July. Each, 30c, postpaid.

DAVMOTTIAE LILY. A lovely tall red lily from Canada. 4 to 5 ft. Blossoms profusely. Each, 40c, postpaid.

DAY LILY (Hemerocallis). 4 ft. tall, handsome orange blossoms.

PHILADELPHICUM or WILD LILY. A lovely lily of the candlestick type, like our native lily but a little heavier and larger. Postpaid, each, 30c; doz., \$3.00.

PHILADELPHICUM HYBRID NO. 12. A very heavy blooming cross from Mr. F. L. Skinner's breeding. Postpaid, each, 50c.

GOLDEN GLEAM. Another lily from Dromore. A coral lily with orange yellow color. Postpaid, 30c; doz., \$3.00.

ELEGANS or RED RUSSIAN. An early red lily, generally popular.

BLACKBERRY LILY. Foliage like iris, lilies on spikes are speckled red and yellow.

LILY OF THE VALLEY. Loves shady nooks and thrives in them. Clumps, each, 35c, postpaid.



Coral Lily

PLATYCODON, Chinese Bellflower. Comes in blue or white. Blooms July and August. Ht. 18 to 30 in.

ICELAND POPPY. 12 to 15 in. tall. Mixed orange, white and yellow. Blooms all season.

POPPY MALLOW. A low growing plant of the ground cover type. Blooms most of the season. Flowers a handsome purple, large and poppy like.

SEDUM, Stolonifera. Pink flowers. Ground cover. Spectable. Handsome foliage and fleshy leaves and stalks, 'up to 1 ft. high. Kamschatium. Low ground cover with yellow flowers.

SIBERIAN SWEET PEA. A rose purple flowered dwarf perennial that blooms over a long period.

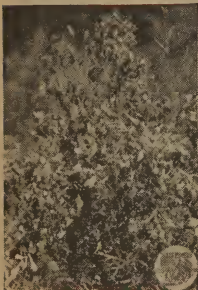
SIBERIAN LAVATERA. 3 to 5 ft. A pink flowering hardy and long blooming perennial with a 3 ft. spread.

STATICE. Resembles Baby's Breath but of a lavender color.

SWEET WILLIAM. Perennial member of the pink family with a variety of shades.

TANSY, Plover Head. Clear yellow flowers in clusters from July on. 2 to 4 ft. A medicinal herb.

VERONICA SPICATA. Long, graceful spikes of clear blue in July.



New Zealand Delphinium



Hardy Phlox

REALLY HARDY FALL FLOWERING CHRYSANTHEMUMS

Developed in the U. S. Bureau of Plant Industry by the Celebrated Plant Breeder—Mr. F. L. Mulford.

For Picture See Inside Front Cover.

We are offering five varieties this year, after having given them a full season's test of heat and cold at our nursery. Varieties are Pocatello (double white), Laramie (double rose colored), Algonquin (yellow), Manantico (dark red), Teton (early single white). Price 50c each; postpaid, each 60c.

GREAT PLAINS NATIVES

Prices unless otherwise quoted; each, 18c; doz., \$1.70; postpaid, each, 22c; doz., \$2.00.

AMORPHA, Fruticosa. Finely cut leaves, purple bloom in July. 4 to 6 ft.

AMORPHA, Canescens. Lead Plant. Gray divided foliage. Spikes of purple and gold in July.

ANEMONE (Canadensis). Large waxy white flowers in late June. Bright green foliage.

BLAZING STAR (Iatris). Short. 12 to 18 in. Spikes of purple buttons in July. Gay Heather, Tall. 18 to 24 in. Comes in white or purple.

CONEFLOWER, Pink (echinacea). 18 to 36 in. July bloomer. Large pink blooms with brown cone-like centers.

CONEFLOWER, Prairie (ratibida). 12 to 18 in. Blooms July and August. Handsome combinations of red, brown and yellow.

FLAX, Native Blue. Graceful masses of heavenly blue flowers, renewed every morning for weeks. June to September. 18 in. tall.

FLOWERING ONION (allium). We have these graceful and pretty little natives, blooming late June and July in a yellow 12 in. high and a pink 18 in.

GOLDEN ROD (Solidago). We have a tall July blooming variety 18 to 24 in., and an August blooming 12 to 18 in. species, both of the graceful, slender type.

GUMBO LILY—Cowboy Lily (White evening primrose). One of the most beautiful of the Bad Lands flowers, 4 to 6 in. high with huge white blooms which turn pink as they age. Blooms from May through the season.



Gumbo Lily

GUTIERREZIA, Golden Dione. 6 to 12 in. Blooms late July and August. Perfect domes of small closely set bright yellow flowers.

ERIGERON (flagellaris). A thick green ground cover, set throughout the summer with pretty daisy like blooms. Like a carpet.

BLUE EYED GRASS. A dainty grass like plant of the iris family with a blue star on each stem. 12 in. Blooms in June.

PENTSTEMONS. These outstanding lovely western perennials are found at their best on the Great Plains and in the mountains. We are offering this year five different kinds, all native to our state and all very striking and handsome.

GRANDIFLORA. 18 to 24 in. tall. Blooms in late June. A tall spike of lavender bells an inch across and of tremendous attraction.

DWARF BLUE (Nitidus). The smallest and deepest blue of the group, 6 to 12 in. tall, blooms in May and early June.

GLABER. 1 to 2 ft. tall. Blooms in June and through July. The clearest of blues, flowers 1 in. across on long spikes.

ANGUSTIFOLIA. 12 to 18 in. tall, bright blue spikes with flowers crowded on them. Blooms in June.

ALBIDUS. 10 to 15 in. tall. The earliest bloomer, coming in early to late May. Flowers pure white with mottled throats.

MEADOW RUE (Thalictrum). Feathery clumps with foliage like columbine. 3 to 5 ft. June bloomer.

MERTENSIA (lanceolata) — **PRAIRIE BLUEBELL**. 6-10 in. tall. Blooms in May and early June with a cluster of bright blue bells.

RED MALLOW (malvastrum). Known to prairie children as "wild geranium." 4 to 6 in. tall. Blooms from May to July with many scarlet flowers.

MONARDA (flutulosa). Blooms July and August. 12 to 18 in. Called horsemint. Large flower heads of lavender pink.

MONARDA HYBRIDS. Crosses between our native and the Cambridge Scarlet. Interesting and beautiful. Ht. 18 to 30 in. Postpaid, each, 30c; 6, \$1.50.



Grandiflora Penstemon

MINT. Spearmint, the mint of mint juleps. Easily grown in every garden. Postpaid, each, 10c; doz., \$1.00.

PASQUE FLOWER—PRAIRIE CROCUS (Pulsatilla patens). The first prairie flowers of spring. bells in July. Fine to group with cactus.

MISSOURI PRIMROSE. 6 to 10 in. Begins to bear in June tremendous bright yellow flowers 4 in. across.

PRAIRIE CLOVER (Petalostemum). 12 to 18 in. Midsummer blooms of purple or white on cone-like spike. Either color available.

PRAIRIE PHLOX. The creeping, hardy ground cover which becomes a mass of fragrant white stars in May.

PRICKLY POPPY. 18 to 24 in. July bloomer. Silvery, prickly foliage with huge white flowers with bright yellow centers, blossoms 4 in. across.

SPIDERWORT (tradescantia). 8 to 18 in. Striking blue flowers in June and July coming out fresh each morning. Grass-like foliage.

THERMOPSIS. The common "yellow sweet pea" of our western prairies. 6 to 12 in. Blooms in May and June.

VIOLETS. We offer 3 natives in 3 colors. Meadow Blue, Woodland White for shady places, and the little Yellow Nuttallii of the open prairie.

YUCCA (Glauc) — **SPANISH BAYONET**. Hardest of the sword plant family. Long silvery blades with a tall spike of large greenish white

bells in July. Fine to group with cactus.

DAKOTA CACTI. Each, 25c; doz., \$2.50.

Opuntia oxyacantha. With the lovely lemon to orange clusters of flowers in July. The common prickly pear.

Opuntia humifusa. Like the above but with heavier joints and longer, white spines. Yellowish green flowers, red fruits.

Opuntia fragilis. Another type with slender joints and more delicate spines. Pale yellow flowers.

Opuntia rutila. Resembles the regular prickly pear but bears lovely carmine flowers instead of yellow.

Mamillaria vivipara. The pincushion cactus with the rose colored flowers.

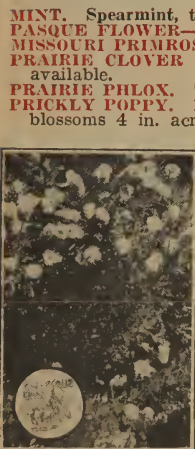
Mamillaria Missouriensis. Pincushion cactus with yellowish white flowers with sparkling reddish centers.

Echinocereus viridiflorus. The only northern representative of the cylindrical cactus. 3 to 7 in. tall. Flowers greenish in color.

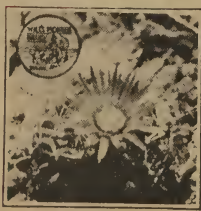
Prairie Cone-flower



Pasque Flower



Prairie Clover



Mamillaria Vivipara

HARDY RASPBERRIES



Chief

RUDDY. (See inside front cover). Dr. Yeager's new hardy and heavy bearing raspberry. A cross between black and red varieties. Color a handsome purple. Vigorous foliage, large and uniform fruits. Each, 15c; doz., \$1.50; postpaid, each, 17c; doz., \$1.70.

CHIEF. Hardest of the Minn. Fruit Breeding Farm varieties. A fine colored red raspberry with large and uniform fruit. Very heavy yielding, strong and healthy. Doz., 50c; 100, \$3.00; postpaid, doz., 60c.

LATHAM. An outstanding commercial berry from the Minn. Fruit Breeding Farm. Does well under more favorable conditions. Doz., 50c; 100, \$3.00. Postpaid, doz., 60c.



Ruddy

GOOSEBERRIES

PIXWELL. One of Professor Yeager's wonderful productions. A cross between a native wild selection and a high quality cultivated sort. The berries are very large. The plants rapid growing and vigorous. A heavy bearer. Fruit on long stems and bushes sparse in thorns, hence they are very easy to pick. Price: Each, 20c; doz., \$2.00; postpaid, each, 22c; doz., \$2.20.

HOUGHTON. The hardest of the older sorts that we have ever found. Fruit smooth, pale red, tender and well flavored. Not subject to mildew. Strong 2 yr. plants. Doz., \$1.50; postpaid, doz., \$1.75.

NATIVE WILD. Useful especially as an ornamental, but valuable also for the considerable quantity of fruit produced. Fruit is only a little smaller than tame sorts and makes excellent jam. It is the first plant to leave out in the spring when its new vivid green leaves herald the season among clumps of other shrubs. Turns bronze red in fall. Each, 30c; doz., \$3.00; postpaid, each, 35c; doz., \$3.50.



Houghton

CURRANTS

RED LAKE. This variety from the Minn. Fruit Breeding Farm is generally conceded to be the greatest improvement among currant varieties that has been brought out in the past 30 years. Hardy, highest quality, very prolific. The best red currant in existence. Price: Each, 25c; doz., \$2.50; postpaid, each, 30c; doz., \$3.00.

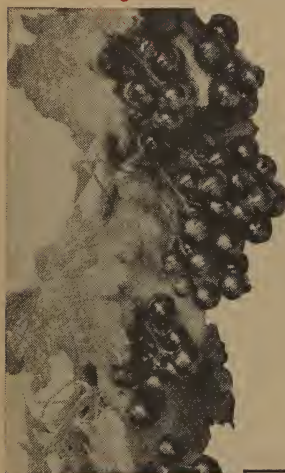
WHITE GRAPE. A clear, translucent white currant—sweetest of all the currant varieties. Fruit is large as are the clusters. A steady annual bearer. Hardy. Each, 20c; doz., \$2.00; postpaid, each, 25c; doz., \$2.50.

NATIVE BLACK. Transplanted, nursery grown stock of this hardy native. Black fruits in clusters. Excellent for jam and jelly. Also an ornamental of some value. Price, 2 yr., each, 20c; doz., \$2.00; postpaid, each, \$2.25; doz., \$2.25.

See Shrubbery Section for Golden Currant.



Pixwell



Red Lake

RHUBARB ROOTS

CHIPMAN'S CANADA RED RHUBARB. The best rhubarb of all the good Canadian varieties. One of the productions of the famous Canadian plant breeder, G. F. Chipman. Stems dark red clear to the heart. As sturdy and prolific as McDonald, seedless. Produces the sweetest, finest flavored and most beautiful red sauce for dessert or in pies and shortcakes. Price, each, \$1.50; postpaid, \$1.60.

MCDONALD. Very large and prolific, practically without seed stalks, makes pink sauce, fine flavored. Each, 40c; doz., \$4.00; postpaid, each, 45c; doz., \$4.50.

RUBY. Slightly smaller than McDonald and seeds at times. Produces the most delicious ruby red sauce. Each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

STANDARD RHUBARB. A prolific strain of the old greenish fleshed sort. Doz., \$1.00; postpaid, doz., \$1.20.

BOHEMIAN HORSE RADISH. The best cultivated variety. Plant a dozen now and it will keep coming every year. Doz., 30c; postpaid, doz., 35c.

ASPARAGUS—MARY WASHINGTON. Postpaid, doz., 35c; 50, \$1.00; 100, \$1.75. F.O.B. here, doz., 30c; 50, 90c; 100, \$1.65.



McDonald

Strawberries

We are pricing strawberry plants only at postpaid prices. All orders for them will be shipped separately as we can not usually start shipping them till nearly May first, and the plants are likely to be damaged if packed in with other goods.

PRICES:

PROGRESSIVE

25	\$ 0.50
50 .....	.90
100	1.50
1000	12.00

SENATOR DUNLAP

25	\$0.35
50 .....	.75
100 .....	.90
1000	7.00



Dunlap



Progressive

PROGRESSIVE. We still feel that this is the best everbearing strawberry available for the Northwest, although we hope to be able to offer something better soon. It is very hardy, productive and of delicious quality. Usually bears in June and again in August and September. Most of the newer sorts winterkill badly.

DUNLAP. Likewise we have found the Dunlap to be the best all-round June-bearing variety for our climate. The vine is tough, the foliage bright and heavy. Runners form rapidly. The fruit is borne bounteously, and the berries are regular in shape and delicious in quality. They are large, bright red, and good keepers. Excellent for canning.

GRAPES

NATIVE WILD (*Vitis riparia*). To insure fruit several should be planted as each plant is of a single sex. A fast grower, valuable as an ornamental climber, noted for the wonderful fragrance of its blossoms in June, and for the value of the fruit for jams, jellies and grape juice. Strong young plants. Each, 20c; doz., \$2.00; postpaid; each, 25c; doz., \$2.50.

BETA. One of several hybrids between Concord and the wild grape, produced in Minnesota a number of years ago. The Alpha is of the same group. The hardiest tame grapes so far introduced—the fruit is blue-black, of medium size with a pleasant, aromatic flavor. Should be planted only in sheltered spots where they bear well. Fruit ripens the last of August. Price: Strong plants, each, 25c; doz., \$2.50; postpaid; each, 30c; doz., \$2.80.

ALPHA. A sister of the Beta which it very closely resembles. Possibly a little better adapted to the heavy black soils. Fruit is perhaps a little sweeter. Size a trifle smaller than the Concord. Each, 25c; doz., \$2.50; postpaid; each, 30c; doz., \$2.80.



Wild Grape



Hardy Pear

HARDY PEAR

PATTEN NO. 5. The hardiest we have found to date. We believe that this will survive under reasonable conditions anywhere in the Northwest. Small but very fine and sweet. Each, 60c; 5 for \$2.75.



Beta Grape

HARDY APPLE TREES

All authorities on Great Plains Horticulture recommend planting only young stock such as we offer because it establishes itself much more quickly and easily and there is likely to be less loss. Remember that our apples are grafted and budded on the hardiest apple roots in the world.

MANTET. This is an introduction from the Dominion Horticultural Station at Morden, Manitoba, and a result of some of their extensive fruit breeding work. Mantet is to all intents an early, hardy McIntosh with the same deep red color. Ripens with the Duchess and is at its best till October. Sturdy trees and heavy bearing. 3 to 4 ft., each, 60c; 5 for \$2.75.

MORTOFF. A late fall apple. A Morden bred apple, fair size, hardy 400 miles north, yellow washed with red and striped, very tender, delicious flavor. Good tree and productive. Good till January. 3 to 4 ft., each, 60c; 5 for \$2.75.



New Mantet Apples



Hicks Everbearing

WAUKON. A seedling from Mr. Sykes of Moorhead, first grown by Professor Yeager and first introduced in our catalog. Like the Wealthy but better fruit, sturdier tree and hardier. A fall apple. 3 to 4 ft., each, 60c; 5 for \$2.75.



Waukon

HICKS. Everbearing. Comes to us from Mr. Hicks of Plains, Mont. Exceedingly hardy, thrifty, and of high quality. Bears every year a good crop of red and yellow striped apples of good size. 3 to 4 ft., each, 60c; 5 for \$2.75.

HARALSON. A real winter apple, hardy enough for the Northwest. A Minn. Fruit Breeding Farm production. A strong grower, resistant to fire blight, bears early and yet the fruit keeps in good condition till spring. Apples are large and deep red, flavor excellent. Has proven very hardy. 3 to 4 ft., each, 60c; 5 for \$2.75.

WEALTHY. Keeps till January and is ready to use by October. A Minnesota variety which has become a universal favorite. Tree of good habit, hardy, blight resistant. Bears many large dark red apples with crisp, sub-acid white flesh tinged with pink. Not as hardy as some of the new sorts but safe over most of the Northwest. 3 to 4 ft. Each, 60c; 5 for \$2.75.

ANOKA. The earliest bearing of all large apples. Begins to fruit the year after it is planted and bears regularly thereafter. Should be replaced every 5 to 10 years as it is not long lived. Fruit resembles the Duchess. Hardy under severe conditions. A production of Dr. N. E. Hansen. Each, 3 to 4 ft., 60c; 5 for \$2.75.

ERICKSON. This is one of the best apples of Russian origin. Exceptionally large in size, it is also of fine flavor. Season somewhat longer than that of Duchess, it is of a beautiful and uniform red color when fully ripe. Season Sept. to Nov. Price, 3 to 4 ft., each, 50c; 5 for \$2.25.

HIBERNAL. One of the very hardiest and a wonderful stock to graft other varieties upon. Fruit very large and handsome but useful only for cooking. A regular bearer and heavy yielder. 3 to 4 ft., each, 45c; 5 for \$2.00.



Erickson



Mortoff

Hardy and Prolific Crab Apples

RED RIVER. Dr. Yeager's fine new crab. A cross between Dolgo crab and Delicious apple. Wonderful quality and flavor as an eating apple. A late large crab, round to oval; bright red skin, solid flesh of good color. A long keeper. 3 to 4 ft. Each, 50c, 5 for \$2.25.

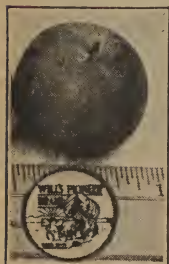


Red River Crab

N. D. NO. 6. A sweet crab from Dr. Yeager's hybridizing. A large crab with the flavor of the old-fashioned large, sweet apples. A distinctly valuable product, now first introduced. 3 to 4 ft. Each, 50c; 5 for \$2.25.



N. D. No. 6



Florence

SCUGOG. This is one of the niedzwetzki-ana crosses from Canada. Lovely red blossoms in spring, with red tinged foliage, and startlingly hand-

some fruits in fall. Fruits are bright red with pink flesh and of fair size. Outstanding as an ornamental and equally valuable for its fruit. 3 to 4 ft., each, 70c; 5 for \$3.25.

RED TIP CRAB. One of Dr. N. E. Hansen's productions. A sturdy tree with large, handsome, red tinged leaves. The blossoms are extra large and a bright pink in color. Fruit of fair size and excellent for jelly, ripening late and keeping well. 3 to 4 ft., each, 65c; 5 for \$3.00.

SIBERIAN CRAB. One of the hardiest of all types of apples. Even weather of the past five years has not touched them. Matures in August and September. Fruit small but borne very heavily. A handsome tree. Excellent for jelly. 3 to 4 ft. Each, 50c; 5 for \$2.25.

WHITNEY. One of the largest and best flavored crabs for eating from the hand. Matures late August and possesses nearly all the qualifications for a perfect crab. Bears rather lightly on the Great Plains except in a favorable year. A fine shaped, upright tree of great sturdiness. An excellent pie apple. 3 to 4 ft. Each, 50c; 5 for \$2.25.

GOLDEN ANNIVERSARY. A seeding that appeared at our nursery some years ago. A very large, fine flavored crab, yellow with red blush. Very hardy. 3 to 4 ft. Each, 50c; 5 for \$2.25.

DOLGO. Dr. N. E. Hansen's wonderful production. Outstanding for hardiness, for ornamental value and for fruit. A sturdy, upright tree. A heavy bearer. Fruit of a very bright red color, somewhat oval, medium in size. Matures in September. 3 to 4 ft. Each, 50c; 5 for \$2.25.



Golden Anniversary



Dolgo

Feb., 1939.
The orchard of your trees is the wonder of the Big Flat. Took first on Apples and Plums at Fair.
ED. CHAMBERS, R. No. 1, Hogeland, Mont.

CHERRIES and CHERRY HYBRIDS



Tom Thumb

Nearly all of these plants are self-sterile—plant wild plum or sand cherry near them for pollenizing.

BROOKS SAND CHERRY. The largest and best selected sand cherry yet introduced. From the C. P. R. Agricultural Station at Brooks, Alberta. Fruit over an inch in diameter, excellent for jam and canning. Branches do not drag on the ground. Produces a crop in the driest years. 2 to 3 ft. bushes. Each, 50c; 5 for \$2.25.

COMPASS. The oldest and best known of the sand cherry hybrids. Ripens late July or August. Fruit bright red when mature, nearly an inch long, oval, pleasant to eat fresh; unrivalled for sauce, jelly or jam. Hardy throughout the whole Northwest. 3 to 4 ft. Each, 50c; 5 for \$2.25.

TOM THUMB SAND CHERRY. A bush cherry with red flesh. Grows only 3 to 5 ft. high. One of Dr. N. E. Hansen's productions. A very hardy fruit, popular well into Canada. Pleasant to eat fresh. May be set out about like gooseberries and will bear well at that rate of planting. 2 to 3 ft. Each, 50c; 5 for \$2.00.

OKA. Another Hansen fruit. A fine large cherry, borne on a tree instead of a bush. Quite variable in performance, depending on local conditions. At its best it is perhaps the finest of the type. The fruit is very large for a cherry, a rich purple in color, skin thin, flesh red, delicious flavor. Fruit hangs to tree and cures there like a dried prune. 3 to 4 ft. Each, 50c; 5 for \$2.25.

MORDEN OKA SEEDLING. Another of the Morden Dominion Sta. varieties, not as yet named. A very heavy bearing cherry. Fruits a trifle smaller than Oka, color similar, produces more, and is a week or more earlier. 3 to 4 ft., each, 65c; 5 for \$3.00.

NANKING OR CHINESE BUSH CHERRY (*Prunus tomentosa*). A perfectly hardy ornamental shrub, valuable for its

delicious bright red fruit, its handsome bloom in early spring and its compact shape. 3 to 4 ft., each, 60c; 5 for \$2.50.

WHITE NANKING CHERRY. Same as the cherry above except that it bears a pure white fruit and is more productive. 3 to 4 ft., each, 70c; 5 for \$3.25.

RUSSIAN PIE CHERRY. A true sour cherry which comes to us from the Dominion Station at Morden. Perfectly hardy and something new in cherries for the Northern Great Plains. 3 to 4 ft., each, \$1.00.

NORTHERN PIN CHERRY. A small but very ornamental cherry tree which bears quantities of small bright red fruits suitable for excellent jelly and preserves. Each, 18 to 24 in., 40c; 5 for \$1.75.

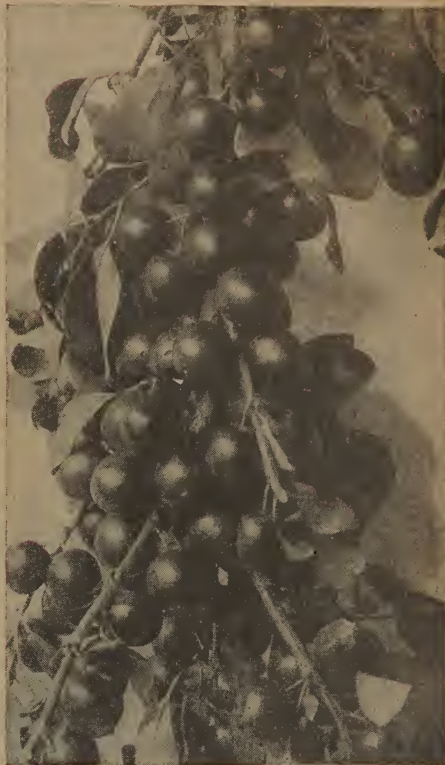
SAND CHERRY (*Prunus besseyi*). The native bush cherry of the great plains. Fruit almost the size of a sour cherry.

black and often very fine flavored. Always good in jam and jelly. A low bush, may be planted 3 to 4 ft. apart and will produce a tremendous quantity of fruit. 2 to 3 ft. Each, 30c; 5 for \$1.25; Seedlings, 6 to 12 in., doz., 50c; 100 for \$4.00.

WESTERN CHOKECHERRY (*Prunus melanocarpa*). Larger and sweeter than the eastern chokecherry. A tremendous bearer. One of our very hardiest natives, useful as an ornamental, in shelter belts and for its fruit which makes perhaps the most delicious of all jellies and syrups. It is becoming more valued and appreciated yearly. 2 to 3 ft. Each, 25c; 10 for \$2.00; Seedlings, 12 to 18 in., doz., 60c; 100 for \$4.00.

CHAMPA SAND CHERRY. Another of Dr. Hansen's varieties. Very similar to Tom Thumb, a low bush that can be planted close. The principal difference is that the fruit has green flesh instead of red. Bears a little earlier. Fine flavor. 3 to 4 ft. Each, 50c; 5 for \$2.25.

PLUM & CHERRY, COMPASS CHERRY & OPATA PLUM in one tree—see page one—a double or twin tree budded with both kinds. 3 to 4 ft., each, 75c; 5 for \$3.50.



Brooks Sand Cherry



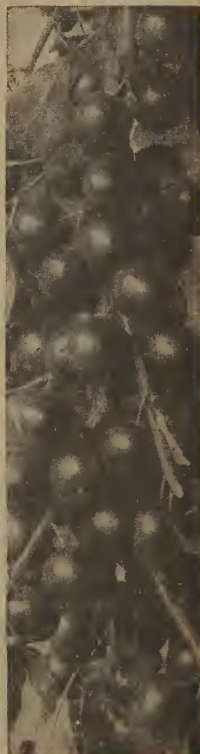
Compass



Choke Cherry



Sand Cherry



Oka Cherry

Plums and Plum Hybrids

Hardy, High Class Varieties for the Northwest

Plant Several Types Together or Plant with Cherries to Insure Pollination.

MORDEN STATION HYBRID SEEDLINGS

BOUNTY. An outstanding seedling of Assiniboine—very early, excellent as a dessert fruit and very satisfactory for canning. Bears very heavily every year, is large even when a heavy crop is set. An oval, red plum, with thin skin and yellow flesh. Each, 3 to 4 ft., 75c; 5 for \$3.50.

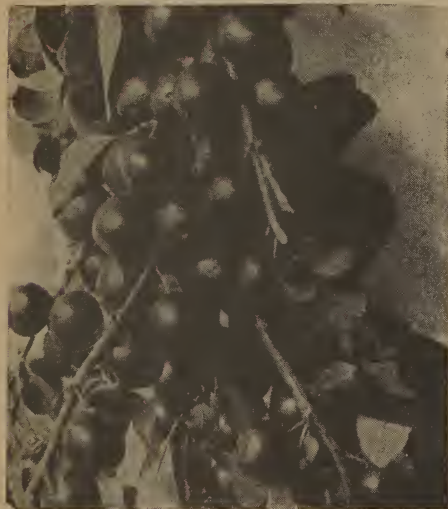
SAPA SEEDLING P-4A-18. A beautiful fruit, bears tremendous crops of large mottled plums with rich dark purple flesh and very small pits. A week or more later than Sapa. Fruit hangs to the tree for a long time, and shrivels without spoiling. 3 to 4 ft., each, 75c; 5 for \$3.50.

SAPA SEEDLING Q-55-65. A heavy yielding tree, ten days earlier than Sapa, with color more purple and pulp a handsome red. Gives a huge crop of delicious fruit in early to middle August. 3 to 4 ft., each, 60c; 5 for \$2.75.

SHIRO X LUNN R-6A-1. Large American-Japanese Plum hybrid of unusually fine quality. A sturdy, upright tree of good shape. Very hardy. 3 to 4 ft., each 60c; 5 for \$2.75.



Morden Seedling



Opata Plum



Red Wing



Radisson

OPATA. A cross between sand-cherry and Gold Plum by Dr. N. E. Hansen. Perhaps the best and most widely used of the Hansen Hybrids. Head low, trim out old wood as it bears on the new wood. A round fruit 1 to 1½ in. in diameter, with green flesh. A very nice flavor and wonderful for canning. Ripens in early August. 3 to 4 ft. Price, each, 40c; 5 for \$1.75.

KAGA. Another Hansen plum and one of the most delicious we have ever tasted. Its unusual fine sweet flavor comes from the apricot plum blood which it contains. Not very large but tops in quality. 3 to 4 ft. Each, 50c; 5 for \$2.25.

WILD PLUM. This hardy native is rapidly acquiring popularity for its value as a shelter belt tree as well as an ornamental and a producer of fruit. We offer very thrifty stock from native seed. Wonderful for sauce, jam and jelly. 3 to 4 ft. Each, 30c; 5 for \$1.25. 18 to 24 in. sdgs. for shelter belt, etc.: doz., 50c; 100, \$2.50.

UNDERWOOD. Many of the Minnesota plums are not adapted to the Great Plains. Long trials of Underwood, however, have sufficed to prove its hardiness. In flavor it equals the Japanese plums, size is intermediate, trees strong and thrifty and bear annually. Fruit is dark red and sweet, ripens in late August, and is an excellent keeper. 3 to 4 ft. Each, 45c; 5 for \$2.00.



Underwood

WANETA. Apparently the hardest of the extra large size plums. The largest of Dr. Hansen's productions. A heavy bearer of very large, good quality fruit. Very drought resistant. Ripens in mid-season. The best large plum for the Great Plains. 3 to 4 ft. Each, 50c; 5 for \$2.25.

CREE. Another Hansen plum of great hardiness, and one of the best. Has blood of the *prunus nigra* wild plum of the north and is very hardy and cold resistant. Fruit bright red, skin thin, flavor excellent, ripens in late August. 3 to 4 ft. Each, 50c; 5 for \$2.25.

TECUMSEH. Professor Patterson of the University of Saskatchewan Horticultural Dept. says, "It is a high class plum with considerable promise for the north." One of Dr. Hansen's productions. Very good at Mandan. 3 to 4 ft., each, 45c; 5 for \$2.00.

RADISSON. Another extra hardy Minnesota plum. An early variety, fairly large, with good tree form. Fruit is a handsome red and the quality very high. 3 to 4 ft. Each, 40c; 5 for \$1.75.

RED WING. This variety has stood up remarkably well in the dry area during the past few severe years. It is a very large fruited plum. Fruit is firm, sweet and of good quality. Color is yellow overlaid with red. Mid-season bearer. 3 to 4 ft. Each, 45c; 5 for \$2.00.

GOLDEN ROD. A Minn. Fruit Breeding Sta. Plum of considerable hardiness. Fairly good sized, a handsome yellow color and delicious flavor. 3 to 4 ft., each 50c; 5 for \$2.25.



Cree Plum



INSECTS—FUNGUS—RODENTS SPRAY EARLY—SPRAY OFTEN

Prices Subject to Change. Ask for Prices on Large Lots.
All Prices F.O.B. Bismarck Unless Otherwise Stated.
All Insecticides Are Now Mailable.



WILL'S NEW IMPROVED BUGEX

PROTECTS YOUR PLANTS
Non-Poisonous—Safe—Effective
—Economical

A Non-Poisonous Dusting Powder for the control of a wide range of insect pests in your garden. Contains both Rotenone and pyrethrum. BUGEX Dusting Powder is a very uniform product of High Killing Power—Stabilized, thus retaining its active power longer than ordinary pyrethrum or Rotenone products. Price, F. O. B. here, 1 lb., 35c; 5 lbs., \$1.50; postpaid, 1 lb. can, 42c; 5 lbs., \$1.75.

GOPHER POISON

RIDS YOUR FIELDS OF GOPHERS

Will's Pioneer Brand Gopher Poison has made many friends in the past few years. Our Gopher Poison is made in accordance with the formula furnished by the USDA, with a liberal over-strength of poison added. The heaviest oats obtainable is used in the manufacture of this poison. 8 lb. sk., 80c; 16 lb. sk., \$1.55; 32 lb. sk., \$3.00. Ask for prices in larger lots.



DUTOX

(Barium Fluo Silicate)
Use as spray or dust.

A Non-Arsenical insecticide. Kills tough bugs. Controls Potato Bugs, Blister Beetles, Mexican Bean Beetle, Cucumber Beetle, Cabbage Worms, Cut Worms and many other pests. Price, postpaid, 1 lb. bag, 40c; 6 lb. bag at 30c lb. F. O. B. here, 30c lb.; 6 lbs. at 25c lb.

PARIS GREEN. Powerful—quickest acting insecticide for potato bugs. Prices, postpaid, 1 lb., 60c. F. O. B. here, 1 lb., 50c; 5 lbs. at 45c per lb. Larger lots quoted on request.

ACME RED RIVER POTATO MIX (Special Formula for Potatoes Only). A scientific development combining a new patented copper fungicide with quick-killing arsenic. Kills potato bugs quicker, drives off flea beetle and leaf-hopper, prevents blight, stimulates foliage, making more and better potatoes. Complete control in one operation—at one cost. Use as a dust or spray. Prices F. O. B. here, 1 lb. bag, 30c; 4 lb. bag, 80c. Postpaid, 1 lb., 40c.

ACME LONDON PURPLE. A favored insecticide for fifty years—now stronger and better than ever. London Purple is one of the lightest and fluffiest powdered insecticides on the market, assuring complete coverage and greatest adhesion to the foliage. For use on potatoes, cotton, tobacco, sugar beets, and many other shrubs and vegetables damaged by leaf-chewing insects. Prices F. O. B. here, 1 lb., 14c; 1 lb., 29c; 4 lbs., 45c. Postpaid, 1 lb., 20c; 1 lb., 36c.

ARSENATE OF LEAD. Becoming popular as a potato spray. Kills a wide variety of leaf eating and certain soil insects. Postpaid, 1/2 lb., 25c; 1 lb., 40c. F. O. B. here, 1/2 lb., 18c; 1 lb., 30c; 4 lb. bag, 75c.

BORDEAUX MIXTURE. Controls scab, rust, rot, blight, mildew, leaf spot, anthracnose and other diseases of fruit and truck crops. Prices, postpaid, 1 lb., 40c. F. O. B. here, 1 lb., 30c; 4 lb. bag, 65c.

CUT WORM AND HOPPER BAIT. Will's Pioneer Brand. Sure death to hoppers, crickets, cut worms, snails and other soil insects. Prices, postpaid, 1 lb., 27c; 5 lbs., \$1.00. F. O. B. here, 1 lb., 20c; 5 lbs., 75c.

LIME SULPHUR. One of the most dependable of all insecticides for dormant spraying and the destruction of fungous parasites on woody plants and shrubs. Prices, postpaid, 1 lb., 35c; 5 lbs. at 23c per lb.

BLACK LEAF 40 THE OLD RELIABLE

Used as an Aphid Spray, Roost paint for poultry lice and mites, Sheep dip. Keeps dogs away from your shrubs and trees. Price, postpaid, 1-oz. bottle (makes 6 gallon), 40c. F. O. B. here, 1-oz. bottle, 35c; 5-oz. bottle, \$1.00.



CYANOGAS ANT KILLER. 4-oz. spouted tin—enough to kill a million ants. F. O. B. here, 30c.

CYANOGAS A-DUST. A gas producing powder—kills all burrowing pests. F. O. B. here, 1/2 lb., 45c; 1 lb., 75c; 5 lbs., \$3.00.

CYANOGAS G-FUMIGANT. For fumigating flour mills, grain warehouses and greenhouses. F. O. B. here, 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00.

WRITE FOR DESCRIPTIVE FOLDERS



CERESAN

For Grain

For wheat, oats and barley smut control. F. O. B. Bismarck, 4 oz., 30c; 1 lb., 75c; 5 lbs., \$3.25.

SEMESAN, JR.

For Corn

For Corn diseases. F. O. B. Bismarck, 2 oz., 15c; 4 oz., 30c; 1 lb., 75c.

SEMESAN, BEL

For Potatoes

Offers greater control of seed potato diseases. F. O. B. Bismarck, 2 oz., 25c; 4 oz., 50c; 1 lb., \$1.50.

SEMESAN For Garden and Flower Seeds and Bulbs. Price F. O. B. Bismarck, 1/3 oz. pkt., 10c; 2 oz., 35c.

NORTH DAKOTA CUSTOMERS MUST ADD 2% SALES TAX ON INSECTICIDES

*Better Feed***WILL'S PIONEER BRAND**

Prices quoted are all f.o.b. Bismarck

**PLEASE
NOTE!**Prices are
subject
to change**SUPER
MANAMASH**

This Mash analyzes higher in protein than Manamash. A Superior Starting and Broiler ration; also to be used as a Laying Mash for Breeding Stock. 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.40; 100 lbs., \$2.70.

TURKEY MANA

The Turkey Starting Mash Supreme. Analyzes about 24% Protein. This ration will produce birds with exceptionally fine frame and feather development, and unsurpassed in quality of meat, both as to texture and flavor. As soon as birds are on range, use Pioneer Brand Manamash as a growing mash. You will like Pioneer Turkey Mana. 10 lbs., 45c; 25 lbs., 85c; 50 lbs., \$1.35; 100 lbs., \$2.95.

MANAMASH

This is an ALL PURPOSE MASH, also known as Life Cycle—Year 'Round Mash. Balanced to give the best possible results as a Chick Starter, Growing Mash as well as Laying Mash when used as recommended in our instructions. 10 lbs., 35c; 25 lbs., 70c; 50 lbs., \$1.25; 100 lbs., \$2.40.

32% Manamash Poultry Supplement—A high protein concentrate made purposely to be mixed with ground home-grown grains. The principal advantage of concentrates, Supplements or Balancers is the fact that they permit a greater use of home-grown grains. Each bag contains instructions. Prices: 25 lbs., 90c; 50 lbs., \$1.75; 100 lbs., \$3.25.

PIONEER GRANULAR CHICK GRAIN. A sifted, high quality granular grain feed to be used as a balance in conjunction with Manamash during growing period. 10 lbs., 35c; 25 lbs., 70c; 50 lbs., \$1.25; 100 lbs., \$2.40.

PIONEER HEN SCRATCH. A balanced grain mixture of our own preparation for mature birds. Has given uniformly excellent results. 10 lbs., 30c; 25 lbs., 55c; 50 lbs., 95c; 100 lbs., \$1.80.

PIONEER BRAND FOWL FATTENER. This is a fattening mash so compounded as to stimulate the putting on of flesh when fattening for market. Please remember that all our feed is compounded from experiment station formulas. 25 lbs., 60c; 50 lbs., \$1.10; 100 lbs., \$2.10.

PEARL LIMESTONE GRIT or SHELLMAKER. The dual purpose grit, hard enough to furnish the necessary grinding material for chickens, and soluble enough to furnish the much needed lime for bone and shell building. No other grit need be used with this. F. O. B. Bismarck: 25 lbs., 50c; 100 lbs., \$1.20.

PILOT BRAND CRUSHED OYSTER SHELLS. We have a good supply this year. F. O. B. Bismarck: 10 lbs., 20c; 100 lbs., \$1.10.

MICA CRYSTAL GRITS. By express or freight, 100 lbs., \$2.00.

CHARCOAL. To keep fowls and other stock in a healthy state, a regulator of some kind must be fed. Nothing takes the place of charcoal. 10 lbs., 60c; 50-lb. sack, \$1.50.

STEAMED BONE MEAL. A product of exceptionally concentrated quality making a perfect mineral food for all live stock. Primarily a phosphorus source. F. O. B. Bismarck: 10 lbs., 40c; 25 lbs., 90c; 50 lbs., \$1.75; 100 lbs., \$3.25.

40% Hog Supplement—Market your grain through hogs, the ManAmar way. You can save half your grain for 100 lb. gain over feeding grain alone by using ManAmar Hog Supplement. This Supplement will increase the efficiency of the farm grains. Price: \$3.25 100 lbs.

PIONEER CALF MANA. Raise your calves without milk. This compound, composed of balanced ingredients, is a perfect milk substitute. Has been used for years and always with the best success. Comes in all size sacks, full directions accompanying every sack. Try it and you will always use it. 25-lb. sack, \$1.15; 100 lbs., \$4.00.

MANAMAR. A 41.5% Protein concentrate with Kelp, Fish Meal, etc., containing all minerals in organic form. We use it in our poultry mashes. A good ingredient in feed for milk cows, brood sows, and in fact any live stock and poultry. A great food and conditioner. The Kelp contains organic IODINE in just the right proportion for correction of Iodine deficiency in feed grown on prairies. 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.60; 50 lbs., \$3.10; 100 lbs., \$6.00.

MEAT AND BONE SCRAPS. These are of first quality, cooked and without offensive odor. 25 lbs., 85c; 100 lbs., \$3.25.

POWDERED BUTTERMILK. Useful in all kinds of feed mixtures. Highest quality. Price, 5 lbs., 45c; 10 lbs., 80c; 25 lbs., \$1.80; 100 lbs., \$7.00.

MINERAL MIX. F. O. B. Bismarck: 25 lbs., \$1.00; 100 lbs., \$3.00.

ROLLED OATS. For poultry and stock food and of use in compounding mixtures. 100-lb. sack, \$2.75.

ALFALFA MEAL. By express or freight, 10 lbs., 40c; 25 lbs., 90c; 100 lbs., \$2.50.

LINSEED OIL MEAL. 10 lbs., 35c; 100 lbs., \$2.75.

COTTONSEED MEAL. 10 lbs., 30c; 100 lbs., \$2.50.

COTTONSEED CAKE. 10 lbs., 30c; 100 lbs., \$2.50.

NOPCO COD LIVER OIL. This is one of the finest and purest brands and compares very favorably in price with any other brand. We offer it in quart and gallon sizes. Price, F. O. B. Bismarck, 1 qt., 50c; gal., \$1.75. Postpaid, 1 qt., 75c.

SUNFLOWER, HEMP AND CANARY. For poultry, parrots and song birds. F. O. B. Bismarck, lb., 15c; 10 lbs., \$1.25.

Fertilizers for All Purposes

Fertilizers are beginning to interest us in the Northwest and their increased use is inevitable. Experiments during the past few years have shown that **phosphorus is the most needed element** in most prairie soils.

No fertilizer can do much good without moisture, and conversely irrigated land responds to the limit if fertilizer is applied. Hence any irrigator should familiarize himself with fertilizing practice. Much of the needed nitragin can be most cheaply derived from manure and legumes.

The three necessary elements in plant growth which are not always present in the soil are nitrogen, which stimulates luxuriant growth; phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. We offer these three elements separately below, nitrogen in the form of nitrate of soda and ammonia sulphate, phosphorus in the form of bone meal and superphosphate, potash in the form of muriate of potash. Good combinations for general use are 400 lbs. superphosphate and 200 lbs. each of nitrate of soda and muriate of potash per acre or 8 per cent phosphate, 5 per cent nitrogen and 7 per cent potash.

For gardens, yards, lawns and small intensively cultivated areas the ready prepared fertilizers such as **Vigoro** are the most economical and convenient to use and the best adapted.

VIGORO

Complete plant food

Use 4 lbs. to 100 Sq. Ft.—Prices F. O. B. Here			
1 lb. pkg.	10c	10 lb. pkg.	\$0.85
5 lb. pkg.	45c	25 lb. bag	1.50
		50 lb. bag	\$2.50
		100 lb. bag	4.00
Postpaid, 1 lb. pkg., 18c			



For lawn, flowers, small fruits and the vegetable garden **Vigoro** is the ideal fertilizer. Apply it to the lawn in early spring and watch the grass turn green and grow luxuriously. It improves both the quality and quantity of all kinds of flowers, both annual and perennial and will add greatly to the quality and the production of your vegetables, small fruits and ornamental shrubs.

Vigoro contains all the 11 elements needed for proper plant nourishment.

PULVERIZED SHEEP MANURE. This is by far the most concentrated of the cheaper fertilizers and is adapted especially for garden and lawn use, and for use in a larger way where the land is being used intensively. Use from 5 to 10 lbs. per 100 square feet. Price, 10 lbs., 40c; 25 lbs., 50c; 50 lbs., 70c; 100 lbs., \$1.00; 500 lbs., \$4.75; 1000 lbs., \$9.50; ton, \$18.00.

NITRATE OF SODA. The great growth stimulator, the best chemical agent in supplying the much needed nitrogen to deficient soils. Has a wonderful effect on lawn, garden or flowers. F. O. B. Bismarck, 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; 100 lbs., \$6.00.

MURIATE OF POTASH. Promotes growth, delays development and causes longer growing in grains, grasses, flowers, but stimulates both growth and maturity of root crops such as beets, carrots, etc. F. O. B. Bismarck, 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.

SUPERPHOSPHATE. Phosphorus is said to be the element the most likely to be lacking in the prairie soils of the Northwest, and is not supplied in any form by applying vegetable matter by turning under or otherwise. Use one to two hundred pounds per acre. It may be broadcasted on. Price, 46% formula, 10 lbs., 50c; 50 lbs., \$2.20; 100 lbs., \$4.00. Write for quantity prices.

AMMONIA SULPHATE. The Lawn Fertilizer. Also valuable for the garden or flower bed. A highly concentrated nitrogen fertilizer which acts very quickly. Use it on the lawn in the Spring at the rate of 3 lbs. per 1,000 square feet. Valuable also for trees and shrubbery. Price, 10-lb. bag, 75c; 100 lbs., \$5.75. F. O. B. Bismarck.

BONE MEAL. (The great phosphorus supplier). For fall application. Causes fruiting and blooming in reluctant plants, flowers, shrubs and trees. Especially useful to stimulate bloom in peonies. 1 lb., 25c, postpaid. By express or freight, 10 lbs., 40c; 100 lbs., \$3.25.



size, 30c; 1 bu., 50c; 2½ bu., \$1.00. Postpaid, ½ bu., 35c; 1 bu., 55c; 2½ bu., \$1.15. Prices for Beans and Peas of all kinds and vetches: F. O. B. here: ½ bu., 25c; bu., 40c; 5 bu., \$1.70. Postpaid, ½ bu., 30c; 1 bu., 45c; 5 bu., \$1.90. GARDEN SIZE—Will inoculate 6 lbs. of Garden Peas, Beans, Sweet Peas, etc. F. O. B. here: 10c. Postpaid, 12c.

INOCULATE FOR BETTER LEGUMES

Inoculant for all legume seeds is priced in two divisions. Each kind of seed requires its own type of bacteria—do not fail to state the kind of seed which you wish to inoculate. Prices are quoted in quantities of inoculant sufficient to treat ½ bu., 1 bu., 2½ bu., etc., of seed. Price of inoculant for Alfalfa, Sweet Clover, Soy Beans, Lespedeza and all other clovers: F. O. B. here: ½ bu., 35c; 1 bu., 55c; 2½ bu., \$1.15.

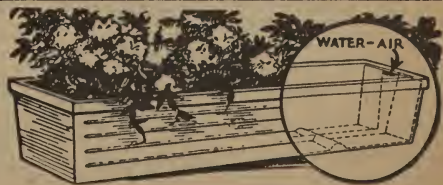
ROOTONE. The newest marvel in chemical application to roots, plants, bulbs, etc. Stimulates root growth to an unbelievable extent and permits the quick rooting of cuttings. Minimum size package will treat several hundred items. Each, \$1.00; Postpaid, \$1.10.

BARGAINS IN CARBORUNDUM FILES AND STONES. Postpaid, No. 190, 10 in. long, 30c; here, 20c; No. 188, finer and flatter, postpaid, 30c; here, 25c; No. 192, heavy scythe stone, postpaid, 42c; here, 32c; No. 57, file, heavy stone file with handle, 14 in. long, postpaid, each, \$1.15; here, \$1.00.

PERFECTO WINDOW BOX

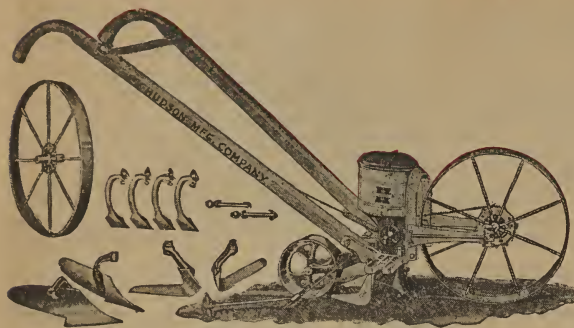
Comes in green. Built on scientific principles and to sell at a very reasonable price. Rust proof, light in weight, self-irrigating. Price F. O. B. Bismarck, 20 inch size, \$1.25; 26 inch, \$1.70; 32 inch, \$2.00.

EEZY WEAR GARDENER'S GLOVES. Of soft, pliable white leather, light and strong. Made especially for garden use. Pair, 75c here; postpaid, 80c.



Window Box

SEEDERS AND CULTIVATORS



No. 201 Seeder and Cultivator

HUDSON SINGLE WHEEL HOE NO. 229

The ideal small garden cultivator. Equipped with two 3 in. hoes, 4 cultivator teeth, adjustable wheel. F. O. B. Bismarck, \$5.65 boxed; shipping weight, 32 lbs.

HUDSON DOUBLE WHEEL HOE NO. 214

A splendid two wheel machine equipped with two 8 in. steel hoes. Wheels 16 in. high. F. O. B. Bismarck, \$6.50 boxed; shipping weight, 32 lbs.

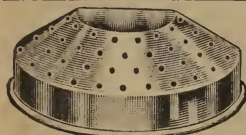
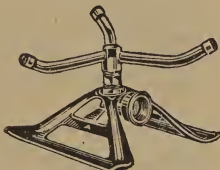
Hudson No. 446 High Wheel

This is a first class cultivator of the easy running, high wheel type. Price, complete, F. O. B. Bismarck, \$3.00.

NEW SEAMLESS COTTON GRAIN SACKS. In lots of 1 to 25, 35c each. F. O. B. here, bale of 100, \$33.00.

DOLLAR REVOLVING SPRINKLER

A durable sprinkler with a wide, even distribution of water in a fine spray. Each, \$1.00; postpaid, \$1.10.



VICTOR HALF CIRCLE SPRINKLER

Designed for the small lawn or the edges of drives and sidewalks. The spray is all thrown to one side. Each, 50c; postpaid, 55c.

Premax Floating Head Lawn Sprinkler

This is the easiest running revolving sprinkler that we have ever seen. After two years' trial of it we are ready to recommend it for the service it gives, its simplicity and the volume of water that it throws. Price, \$2.25; postpaid, \$2.40.

LAWN AND GARDEN HOSE

at Lowest Prices
All Hose Quoted Is $\frac{3}{4}$ In.

This is the very best hose and is almost indestructible by ordinary use. Lasts several times longer than ordinary hose. Price, cut to any length, with couplings, 16c per foot, F. O. B. Bismarck.

NON-KINKING

Non-kinkable. This is the very best quality and lasts indefinitely. In 50-ft. length or cut to any length desired. Per foot, 14c.

ECONOMY

A good inexpensive hose for light usage. In 50 foot length. Price, per foot, 10c.

JUSTRITE NOZZLE

A well made, adjustable brass nozzle with washer attached. Adjusts for fine or coarse spray and solid stream. Each, 65c; postpaid, 75c.

HOSE COUPLINGS. Easily inserted. Price per set, postpaid, 20c.

HOSE MENDERS. Conveniently and quickly inserted and clamped with a hammer. Postpaid, each, 20c.

Hudson Combination Seeder and Cultivator No. 201

We are again offering this fine machine which we can thoroughly recommend. It combines a high grade drill and seeder with both two- and one-wheel cultivators and sells at a very reasonable price for so excellent a machine. The illustration will give an idea of the equipment, which is very complete. Price, boxed, handles furnished, F. O. B. Bismarck, \$17.25. Shipping wt., 56 lbs.

Hudson Seeder No. 205

Designed for the market gardener who does a great deal of seeding, and must always have a seeder set up ready for use. Can be made into a cultivator by adding the cultivating equipment as the steel frame and arch are standard. Will sow all seeds from beans down to the very finest garden variety, either in continuous drills, or in hills spaced from 4 to 24 in. apart. Price complete, boxed, F. O. B. here, \$13.85. Shipping weight, 44 lbs.

G-245—5 Prong Cultivator Attachment for all seeders and cultivators. F. O. B. Bismarck, \$1.00.

PLANET JR. NO. 4. Single wheel hoe and Seeder Combined. Holds $2\frac{1}{2}$ qts. Drills continuously and sows in hills. One pair 6 in. hoes, 3 teeth, 1 plow, 1 leaf guard, 1 marker, 1 wrench, 1 furrowing plow. Shipping weight, 50 lbs. Price F. O. B. here complete, \$19.00.

PLANET JR. NO. 25. Combined seeder with single and double wheel hoe. Holds $2\frac{1}{2}$ qts. Shipping weight, 61 lbs. Price F. O. B. here complete, \$23.00.



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The best in fanning mills. We can supply in 2 sizes —No. 1-B, screens $22\frac{1}{4}$ in. x 19 in., No. 2-B, screens $22\frac{1}{4}$ in. x 25 in. Average capacity 20 bu. for No. 1-B. Price, No. 1-B, \$42.00; No. 2-B, \$47.50, both F. O. B. here.

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Regulation sturdy pruning shears, easily tightened, with high grade steel blade. Each, \$1.50; postpaid, \$1.60.

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The newest and most heralded discovery in plant treatment. See your garden magazines. 1/10 of a gram makes 800 gallons of solution. Price with users kit postpaid, \$1.50.

Sprayers—Dusters—Seeders—Poultry Supplies



Prices on Repairs and Large Sprayers on Request

ONE QUART GLASS JAR SPRAYER. This is a substantially built and very satisfactory small machine. Price, F. O. B. Bismarck, 65c.

No. 115 STERLING. This is a well built machine with a capacity of 3½ gallons. Not quite as strongly built as the No. 210 but better than most of the ordinary articles on the market. Price, F. O. B. Bismarck, \$5.50.

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No. 192 LEADER. A 3¼ gallon sprayer, with funnel top for ease in filling. A useful all purpose sprayer of fine construction. Price, F. O. B. Bismarck, \$3.50; brass, \$6.00.

No. 120 THRIFTY. A 2¼ gallon sprayer of smaller capacity, light in weight and easy to handle, yet strong and sturdy. Price, F. O. B. Bismarck, \$3.00.

HANDY. A small metal tank, quart size sprayer. Well made and tested. Price, each, 30c; postpaid, 40c.

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No. 665 MAJOR DUST GUN. A low-priced mechanical dust distributor that gives good satisfaction. Built somewhat along the lines of the smaller sprayers. Price, F. O. B. Bismarck, 75c; postpaid, 90c.

ROTO-POWER DUSTER No. 608. Adapted for truck gardens, field crops, small orchards, etc. Widely used in the treatment of beans, potatoes, melons, etc. Capacity 5 pounds arsenate of lead or 17 lbs. Paris Green. Price, F. O. B. Bismarck, \$12.95.

ACME HAND CORN PLANTER. Plants one to five kernels per hill as desired. Price, \$2.25, F. O. B. Bismarck.

No. 52 BROODER.

At last a real brooder bargain. High Efficiency at Low Cost. Abundant, uniform heat—care-free control—fume-free air in any weather. Intended for use in a house 10x10 for 200 to 400 day-old chicks. Price, complete with 42" hover and oil tank, F. O. B. Bismarck, \$11.95. Shipping weight, 36 lbs.

No. 134 KLEENEAZY BROODER. Capacity 300 to 600 chicks. Burns kerosene or distillate. Dependable. Safe. Economical. 34 in. canopy. Price, without oil tank, F. O. B. Bismarck, \$14.25. With oil tank and stand, \$15.25.

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B 25 DRINKING FOUNT. For use with glass jar, pt., qt., or 2 quart. Postpaid, 20c; F. O. B. here, 15c; 3 for 35c.

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POULTRY PEAT MOSS. In response to frequent demand we are listing this excellent poultry litter. Price F. O. B. Bismarck, \$3.50 per cwt.

BLACK LEAF 40. Spray on roosts and destroy lice. Oz. bottle, 35c; 5 oz., \$1.00. F. O. B. Bismarck.

BLACK LEAF WORM POWDER contains Nicotine in Shockless form. One dose in Mash controls Poultry Round Worms. One can enough for 100 birds. Price, 85c, postpaid.

WILL'S PIONEER LOUSE POWDER. F. O. B. here, 25c. Postpaid, 32c.

ACME POULTRY DELOUSER. Paint it on the perches and it is effective for poultry lice, holding its effectiveness for several days. A 2 oz. tube is enough for 50 ft. of perches. Price, 2 oz. tube, 35c; postpaid, 40c.

B-K ANTISEPTIC, DISINFECTANT, STERILIZER AND DEODORIZER. Use in treating drinking water for poultry, to disinfect houses, cure colds in poultry, etc. Price, powder, 9¼ oz., 75c; 1¼ lbs., \$1.50. Postpaid, 9½ oz., 83c; 1¼ lb., \$1.65.

For Carbola disinfectant paint see page 75. Also for Sodium Fluoride powder for stock lice and roaches.

LOUSE POWDER WILL'S PIONEER BRAND



Pioneer
Louse
Powder

1 LB. CAN POSTPAID 32c

A very efficient product of our own preparation. For Poultry and Live stock

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ADJUSTABLE ALUMINUM LEG BAND. Adjustable to fit all breeds. Numbered as

½ inch wide; large clear embossed numbers—secure tongue and slot fastener. As high as desired and carried in stock for immediate delivery in sets of numbers 1 to 100. No sets broken. Prices, postpaid, 100, 70c; 300, \$1.55; 500, \$2.40; 1,000, \$4.25. Above 100 numbers, shipped direct from factory.

We can furnish any style aluminum leg band for any fowl, including turkeys. Ask us to quote you on special type bands.

SPIRAL OR KEYRING. Colored Celluloid Leg Band. Single fold, different colors. Popular sizes in stock for immediate shipment. Uncommon sizes shipped direct from factory. Prices, postpaid, 50, 40c; 100, 70c.

No. 39 POULTRY PUNCH. Scissors type, works easily, cuts clean without bruising. One of the most satisfactory ways to mark your poultry, ten to fifteen markings using both feet are possible. Each, 45c, postpaid.

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HANDIEST
TOOL
ON EARTH.

The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; \$2.50 per doz.



To broadcast Grain, Grass and Clover Seed. Also to Seed Onions and Rutabaga. Full instructions and directions on every machine. Price, postpaid each, \$2.50; F. O. B. Bismarck, \$2.30.

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Each bulb individually packed and labelled.

Priced separately at \$1.66

This Collection \$1⁰⁰
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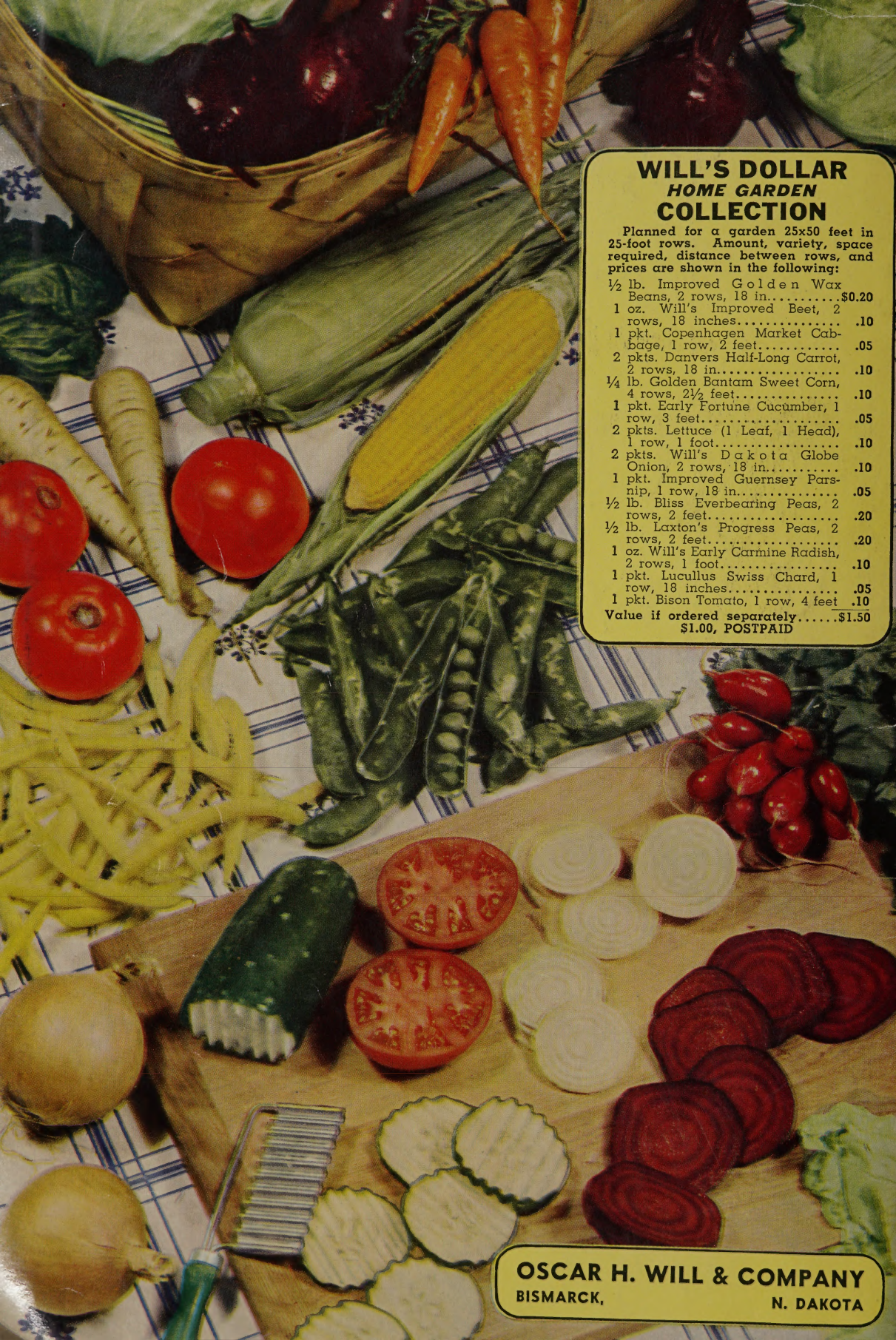
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2 pkts. Danvers Half-Long Carrot, 2 rows, 18 in.....	.10
1/4 lb. Golden Bantam Sweet Corn, 4 rows, 2 1/2 feet.....	.10
1 pkt. Early Fortune Cucumber, 1 row, 3 feet.....	.05
2 pkts. Lettuce (1 Leaf, 1 Head), 1 row, 1 foot.....	.10
2 pkts. Will's Dakota Globe Onion, 2 rows, 18 in.....	.10
1 pkt. Improved Guernsey Parsnip, 1 row, 18 in.....	.05
1/2 lb. Bliss Everbearing Peas, 2 rows, 2 feet.....	.20
1/2 lb. Laxton's Progress Peas, 2 rows, 2 feet.....	.20
1 oz. Will's Early Carmine Radish, 2 rows, 1 foot.....	.10
1 pkt. Lucullus Swiss Chard, 1 row, 18 inches.....	.05
1 pkt. Bison Tomato, 1 row, 4 feet	.10
Value if ordered separately.....	\$1.50
\$1.00, POSTPAID	

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